

CURRENT POPULATION SURVEY, November 2020
Voting and Registration Supplement

TECHNICAL DOCUMENTATION

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NOTE

Questions about accompanying **documentation** should be directed to Center for New Media and Promotions Division, Promotions Branch, Bureau of the Census, Washington, D.C. 20233.
Phone: (301) 763-4400.

Questions about the **subject matter** should be directed to Census CPS Team, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-8366.
Email: DSD.CPS@census.gov

ATTACHMENT 1

ABSTRACT

*Current Population Survey, November 2020: Voting and Registration Supplement
[machine-readable data file] conducted by the Bureau of the Census for the Bureau of
Labor Statistics. - Washington: Bureau of the Census [producer and distributor], 2020.*

Type of File:

Microdata; unit of observation is individuals within housing units.

Universe Description:

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 54,000 households.

Subject-Matter Description:

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 15 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Hispanic origin.

The voting and registration questions were asked of all persons who were both U.S. citizens and 18 years or older, as applicable. Voting and registration data are collected every 2 years to monitor trends in the voting and nonvoting behavior of U.S. citizens in terms of their different demographic and economic characteristics. The November CPS supplement is a major source of information regarding national voting and registration.

Geographic Coverage:

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 278 selected core-based statistical areas (CBSA), 30 selected combined statistical areas (CSA), 217 counties, and 76 principal cities in multi-principal city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/non-metropolitan, principal city/balance metropolitan, and CBSA size.

Technical Description: File

Structure: Rectangular.

File Size: 134,122 logical records; 1018 character logical record length.

File Sort Sequence: State rank by CMSA/MSA rank by household identification number by line number.

Reference Materials:

Current Population Survey, November 2020: Voting and Registration Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 66) describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online Question & Answer Center on the Census Bureau's home page at <http://www.census.gov/> where you can search our knowledge base and submit questions.

File Availability:

You can download the file from our FTP site at <https://www.census.gov/programs-surveys/cps/data/datasets.html>.

ATTACHMENT 2

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 60 years. Currently, we obtain interviews from about 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

Although the main purpose of the survey is to collect information on the employment situation, a very important secondary purpose is to collect information on demographic characteristics such as age, sex, race, marital status, educational attainment, family relationship, occupation, and industry. From time to time, additional questions are included on health, education, income, and previous work experience. The statistics resulting from these questions serve to update similar information collected once every 10 years through the decennial census, and are used by government policymakers and legislators as important indicators of our nation's economic situation and for planning and evaluating many government programs.

The CPS provides current estimates of the economic status and activities of the population of the United States. Because it is not possible to develop one or two overall figures (such as the number of unemployed) that would adequately describe the whole complex of labor market phenomena, the CPS is designed to provide a large amount of detailed and supplementary data. Such data are made available to meet a wide variety of needs on the part of users of labor market information.

Thus, the CPS is the only source of monthly estimates of total employment (both farm and nonfarm); nonfarm self-employed persons, domestics, and unpaid helpers in nonfarm family enterprises; wage and salaried employees; and, finally, estimates of total unemployment.

It provides the only available distribution of workers by the number of hours worked (as distinguished from aggregate or average hours for an industry), permitting separate analyses of part-time workers, workers on overtime, etc. The survey is also the only comprehensive current source of information on the occupation of workers and the industries in which they work. Information is available from the survey not only for persons currently in the labor force but also for those who are outside the labor force. The characteristics of such persons - whether married women with or without young children, disabled persons, students, older retired workers, etc., can be determined. Information on their current desire for work, their past work experience, and their intentions as to job seeking are also available.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see "Explanatory Notes and Estimates of Error" in any recent issue of the *Employment and Earnings*, a Bureau of Labor Statistics periodical. This source is referred to on the next page.

CPS Sample Design

The Current Population Survey (CPS) is a monthly survey designed primarily to produce national and state estimates of labor force characteristics of the civilian noninstitutional population (CNP) 16 years of age and older. It is conducted in approximately 60,000 eligible housing units throughout the United States. (Note: 'Eligible' can be simplistically defined as an occupied housing unit having at least one person in the CNP.) This sample includes 10,000 eligible housing units from the monthly supplementary sample to improve state-level estimates of health insurance coverage for low-income children, also known as the CHIP expansion. This supplementary sample has been part of the official CPS since July 2001. Thirty-two states plus the District of Columbia contain this supplementary sample each month.

The CPS sample is based on information from the 2010 Decennial Census, in accordance with usual practice. Historically, the CPS sample has been redesigned after each Decennial Census.

The CPS sample is a probability sample based on a stratified two-stage sampling scheme: selection of sample primary sampling units (PSUs) and selection of sample housing units within those PSUs. In general, the CPS sample is selected from lists of addresses obtained from the Master Address File (MAF) with updates from the United States Postal Service (USPS) twice a year. The MAF is the Census Bureau's permanent list of addresses, including their geographic locations, for individual living quarters. It is continuously maintained through partnerships with the USPS; with Federal, State, regional, and local agencies; and with the private sector, and it is used as a sample frame by many Census Bureau demographic surveys.

Approximately 72,000 housing units are assigned for interview each month, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 occupied housing units, approximately 10 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 108,000 persons 15 years old and over, approximately 27,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

Relationship of Current Population Survey Files to Publications

Each month, a significant amount of information about the labor force is published by the Bureau of Labor Statistics in the *Employment and Earnings* and *Monthly Labor Review* reports.

As mentioned previously, the CPS also serves as a vehicle for supplemental inquiries on subjects other than employment, which are periodically added to the questionnaire. From the basic and supplemental data, the Bureau of the Census issues three series of publications under the general title Current Population Reports:

- P-20 Population Characteristics
- P-23 Special Studies
- P-60 Consumer Income

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, \$101 per year (sold as a package only); Population Estimates and Projections, (P-25),

\$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at <http://census.gov/library/publications.html>.

Geographic Limitations

The CPS sample was selected so that specific reliability criteria were met nationally, for each of the 50 States and for the District of Columbia. Since 1985, these reliability criteria have been maintained through periodic additions and deletions in the State samples. Estimates formed for geographic areas identified on the microdata file which are smaller than states are not as reliable.

Weights

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns for the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The base weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. Almost all sample persons in the same state have the same base weight, but the weights across states are different. Selection probabilities may also differ for some sample areas due to field subsampling, which is done when areas selected for the sample contain many more households than expected. The base weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. **Noninterview adjustment.** The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Core-Based Statistical Area (CBSA) status and size. Within each cluster, there is a further breakdown by residence. Each CBSA cluster is split by "principal city" and "balance of the CBSA." The proportion of occupied sample households not interviewed fluctuates around 8 percent depending on weather, vacations, etc.
2. **Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:
 - a. *First-stage ratio estimate.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 2000 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
 - b. *Second-stage ratio estimate.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
 - 1) 51 state controls of the civilian noninstitutional population 16 years of age and older
 - 2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories
 - 3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 2000. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 2003, the projections were based on earlier censuses, and prior to January 1994, there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 2003" in the January 2003 issue of Employment and Earnings.

Comparability of CPS from Microdata Files with Published Sources

Although total estimates of the total population will equal published estimates, labor force estimates produced from a microdata file may not be directly comparable or identical with the published nonseasonally adjusted labor force data. The official labor force statistics published by the Bureau of Labor Statistics (BLS) are calculated using the CPS composite weight (PWCMPWGT). Anyone wanting to replicate not seasonally adjusted BLS estimates should use this weight. However, not all estimates made from a public use file will match such weighted published estimates. This is because of various steps taken in the creation of CPS public use files to protect the confidentiality of CPS respondents. Top side estimates for most major demographic and economic categories such as age, race, gender and major labor force status will agree with the published totals; however, estimates for small groups/combinations of these characteristics will differ. The same is true for any estimates for any demographic or labor force characteristic not listed above. Such estimates will be similar but not identical.

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. This adjustment is used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes and is not reflected in any of the weights or variables included on the public use files.

Shown below are data from January and July 2015 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see the most recent of the CPS Technical Paper (66 or 77).

Comparison of CPS Estimates from Microdata Files with Published Sources

| | Civilian Noninstitutional Population | Civilian Labor Force | Employed | Unemployed | Not in Labor Force |
|--|--|----------------------------|----------|------------|--------------------------|
| <hr/> | | | | | |
| January 2015 Data (000's) | | | | | |
| Final Weights | 249,723 | 156,311 | 146,658 | 9,653 | 93,412 |
| Composited (Not Seasonally Adjusted) | 249,723 | 156,050 | 146,552 | 9,498 | 93,674 |
| Composited (Seasonally Adjusted) | 249,723 | 157,180 | 148,201 | 8,979 | 92,544 |
| <hr/> | | | | | |
| July 1993 Data (000's) | | | | | |
| Final Weights | 250,876 | 159,112 | 150,176 | 8,936 | 91,764 |
| Composited (Not Seasonally Adjusted) | 250,876 | 158,527 | 149,722 | 8,805 | 92,349 |
| Composited (Seasonally Adjusted) | 250,876 | 157,106 | 148,840 | 8,266 | 93,770 |
| <hr/> | | | | | |

ATTACHMENT 3

OVERVIEW

November 2020 Voting and Registration Supplement

General

Census Bureau staff conducted the November 2020 Voting and Registration Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 54,000 households across the country. Attachment 8 contains a copy of the labor force questions asked each month as part of the basic CPS questions. Attachment 9 contains the November 2020 Voting and Registration supplement questions asked of all applicable persons 18 years old or older.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the November 2020 Voting and Registration Survey follows.

Data Collection

Census Bureau staff conducted interviews during the period of November 15-24, 2020. Self or proxy responses were allowed for this supplement, that is, a single respondent could provide answers for themselves or provide answers for all eligible household members, provided the respondents him/herself was a household member 15 years of age or older.

The voting and registration questions were asked of all persons who were both U.S. citizens and 18 years of age or older, as applicable. The CPS instrument determined who was eligible for the Voting and Registration supplement through the use of check items that referred to basic CPS items, including age and citizenship.

Item S1 asked respondents if they voted in the November 3 election; if they responded "Yes," they were skipped to Item S5. Otherwise, they were asked if they were registered to vote in the November 3 election (Item S2).

The questions concluded with each respondent being asked Item S8, "How long have you lived at this address?" The interviewer filled Item SCK4, "Who reported for this person," depending upon whether it was a self or proxy response.

Interviewers received a 1 1/2 hour self-study that contained exercises on the basic labor force questions, item-by-item instructions for the supplement, supplement exercises and practice interviews.

Data Processing

The data processing involved a consistency edit of all supplement items. The consistency edit mainly ensured that the entries within an individual record followed the correct skip patterns; items with off-path entries were blanked whenever appropriate. In addition, age and citizenship were verified.

There is no supplement weight associated with the November 2020 Voting and Registration supplement. Use the basic CPS weight, PWSSWGT (located in positions 613-622), for tallying the supplement items.

The values for each variable are defined in the supplement record layout (Attachment 8).

November 2020 Voting and Registration Computer File

The CPS Labor Force Data. The November 2020 CPS file contains 134,122 records. The first 955 characters contain the labor force and disability data for each record. Attachment 6 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the values of each basic CPS variable included on the file.

The variable PRPERTYP (located in positions 161-162 on the CPS Basic Items Record Layout) determines the type of person as follows:

PRPERTYP

- 1 = Child household member (0-14 years old)
- 2 = Adult civilian household member (15+ years old)
- 3 = Adult Armed Forces household member (15+ years old)

The variable HRINTSTA (located in positions 57-58 on the CPS Basic Items Record Layout) determines the interview status of the household.

HRINTSTA

- 1 = Interview
- 2 = Type A Noninterview (These records represent households that were eligible for the November CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of a temporary situation, such as being vacant, nonresidential, etc. These households could become eligible for a CPS interview.)
- 4 = Type C Noninterview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

By combining the values of PRPERTYP (1-3) and HRINTSTA (2-4), the number of records can be determined.

The values of PRPERTYP are:

| | <u>Unweighted Counts</u> |
|-------------------------|--------------------------|
| 1 = Child | 19,687 |
| 2 = Adult Civilian, 15+ | 91,978 |
| 3 = Adult, Armed Forces | 372 |

The values of HRINTSTA are:

| | |
|-------------------------|--------|
| 2 = Type A Noninterview | 12,203 |
| 3 = Type B Noninterview | 9,334 |
| 4 = Type C Noninterview | 548 |

November 2020 CPS Voting and Registration Supplement Data. The November 2020 Voting and Registration supplement data are in locations 1001-1018. (See Attachment 7)

Tallying the November 2020 Voting and Registration Supplement File. The November 2020 Voting and Registration supplement universe represented the full CPS sample comprised of all persons 18 years of age or older.

Unweighted Counts. Attachment 13 is a tally listing of unweighted counts from selected supplement items. Use these totals to ensure that the file is being accessed properly.

Data Contact. For questions regarding the November 2020 Voting and Registration data, call the Census Bureau CPS Staff on (301) 763-3806.

ATTACHMENT 4

GLOSSARY

Current Population Survey

Age—Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years and over for CPS labor force data.

Allocation Flag—Each edited item has a corresponding allocation flag indicating the nature of the edit. See the attachment on allocation flags for more information. The second character of the item name is always "X".

Armed Forces—Demographic information for Armed Forces members (enumerated in off-base housing or on-base with their families) is included on the CPS data files. No labor force information is collected of Armed Forces members in any month. In March, supplemental data on income are included for Armed Forces members. This is the only month that non-demographic information is included for Armed Forces members.

Civilian Labor Force—(See Labor Force.)

Class of Worker—This refers to the broad classification of the person's employer. These broad classifications for current jobs are:

- 1) Federal government
- 2) State government
- 3) Local government
- 4) Private industry (including self-employed, incorporated)
- 5) Self-employed (not incorporated)
- 6) Working without pay

Domain—The domain for an item is a list or range of its possible values. Note that all unedited items have possible values of -1 (blank), -2 (don't know), and -3 (refused). Since all items have these possible values, they are not shown as valid entries for each item.

Duration of Unemployment—Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed are continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work.

Earners, Number of—The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

Edited item—An edited item is allocated or imputed by the processing system. In most cases this means allocating a value where the unedited item contains a value of blank, "don't know", or "refused". The second character of the item name is always "E".

An edited version of an item exists only if that item is processed through the edits. If the edits never deal with a particular item, then that item only has an unedited version.

Since the instrument enforces skip patterns and consistency between many items, the edits are left mainly with the job of allocating missing values. Also, since an interviewer is allowed to "back up" in the interview, there may be "off-path" items filled in the unedited data. The edits also blank these off-path items if an edited version of the items exists.

Education—(See Level of School Completed.)

Employed—(See Labor Force.)

Family—A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

Family Household—A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

Family Weight—This weight is used only for tallying family characteristics. In March, the weight on the family record is the March supplement weight of the householder or reference person.

Final Weight—Used in tabulating labor force items in all months, including March. The final weight is controlled to independent estimates for:

- 1) States
- 2) Origin, Sex, and Age
- 3) Age, Race, and Sex

This weight should not be used when tabulating March supplement data.

Full-Time Worker—Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full-time.

Group Quarters—Group quarters are noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

Head Versus Householder—Beginning with the March 1980 CPS, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

Highest Grade of School Attended—(See Level of School Completed.)

Hispanic/Non-Hispanic Origin—A person's Hispanic/Non-Hispanic status in this file is determined on the basis of a question that simply asks "(Is/Are) (Name/you) Hispanic?"

Hours of Work—Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who is off on the Veterans Day holiday is reported as working 32 hours even though he is paid for the holiday.

For persons working in more than one job, the figures related to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

Household—A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as military barracks and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

Household Weight—The household weight is used for tallying household characteristics. In March, the household weight is the March Supplement weight of the householder.

Householder—The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder is the "reference person" to whom the relationship of all other household members, if any, is recorded.

Householder With No Other Relatives in Household —A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

Householder With Other Relatives (Including Spouse) in Household The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

Industry, Occupation, and Class of Worker (I&O) – Current Job (basic data) For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years.

Job Seekers—All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week.

Longitudinal Weight—Used for gross flows analysis. Only found on adult records matched from month to month.

PEMLR-(Major Labor Force Recode)—This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.

Labor Force—Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Employed

Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Monthly Labor Force Recode (MLR) of 1 or 2 respectively in characters 180-181 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. Unemployed

Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an MLR code of 3 or 4 in characters 180-181 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

a. Job Leavers

Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

b. Job Losers

Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.

c. New Job Entrants

Persons who never worked at a full-time job lasting two weeks or longer.

d. Job Reentrants

Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

Finally, it should be noted that the unemployment rate represents the number of persons unemployed as a percent of the civilian labor force 16 years old and over. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job loser, job leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

3. *Not in Labor Force*

All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified by major activity: retired, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, students and persons keeping house. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for three previous months and would not be in for the subsequent month.

Persons classified as NILF have an MLR code of 5-7 in characters 180-181 of the person record.

Layoff—A person who is unemployed but expects to be called back to a specific job. If he/she expects to be called back within 30 days, it is considered a temporary layoff; otherwise, it is an indefinite layoff.

Level of School Completed/Degree Received—These data changed beginning with the January 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received?" replaced the old "Highest grade attended" and "Year completed" questions. The new question provides more accurate data on the degree status of college students. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

Looking for Work—A person who is trying to get work or trying to establish a business or profession.

Marital Status—The marital status classification identifies four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

The category "married" is further divided into "married, civilian spouse present," "married, Armed Force spouse present," "married, spouse absent," "married, Armed Force spouse absent," and "separated." A person is classified as "married, spouse present" if the husband or wife is reported as a member of the household even though he or she may be temporarily absent on business or on vacation, visiting, in a hospital, etc., at the time of the enumeration. Persons reported as "separated" included those with legal separations, those living apart with intentions of obtaining a divorce, and other persons permanently or temporarily estranged from their spouses because of marital discord.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

Month-In-Sample—The term is defined as the number of times a unit is interviewed. Each unit is interviewed eight times during the life of the sample.

Never Worked—A person who has never held a full-time civilian job lasting two consecutive weeks or more.

Nonfamily Householder—A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

Nonworker—A person who does not do any work in the calendar year preceding the survey.

Nonrelative of Householder With No Own Relatives in Household A nonrelative of the householder who has no relative(s) of his own in the household. This category includes such nonrelatives as a foster child, a ward, a lodger, a servant, or a hired hand, who has no relatives of his own living with him in the household.

Nonrelative of Householder With Own Relatives (Including Spouse)in Household Any household member who is not related to the householder but has relatives of his own in the household; for example, a lodger, his spouse, and their son.

Other Relative of Householder—Any relative of the householder other than his spouse or child; for example, father, mother, grandson, daughter-in-law, etc.

Out Variable—An instrument-created item that stores the results of another item.

Own Child—A child related by birth, marriage, or adoption to the family householder.

Part-Time, Economic Reasons—The item includes slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. (See also Full-Time Worker.)

Part-Time, Other Reasons—The item includes labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season.

Part-Time Work—Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

Part-Year Work—Part-year work is classified as less than 50 weeks' work.

Population Coverage—Population coverage includes the civilian population of the United States plus approximately one million members of the Armed Forces in the United States living off post or with their families on post but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not collected for Armed Forces members.

Processing Recode—An item calculated by the processing system from a combination of other items in the database. The second character of the item name is always "R".

Race—The population is divided into six groups on the basis of race: White, Black or African American, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and Other races. The 2011 CPS uses the Census 2010 question on race that allows for more than one race reporting, but does not include the Census 2010 "Some Other Race" category.

Reentrants—Persons who previously worked at a full-time job lasting two weeks or longer, but who are out of the labor force prior to beginning to look for work.

Related Children-Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

Related Subfamily-A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

School, Major Activity-A person who spent most of his time during the survey week attending any kind of public or private school, including trade or vocational schools in which students receive no compensation in money or kind.

Secondary Individual-A secondary individual is a person in a household or group quarters such as a guest, roomer, boarder, or resident employee (excluding nonfamily households and inmates of institutions) who is not related to any other person in the household or group quarters.

Self-Employed-Self-employed persons are those who work for profit or fees in their own business, profession or trade, or operate a farm.

Stretches of Unemployment-A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

Unable to Work-A person is classified as unable to work because of long-term physical or mental illness, lasting six months or longer.

Unedited item-An item that is produced by the computer automated instrument, either collected during the interview or created by the instrument. The second character of the item name is always "U".

Unemployed-(See Labor Force.)

Unpaid Family Workers-Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

Unrelated Individuals-Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

Unrelated Subfamily-An unrelated subfamily is a family that does not include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies became so small (37,000 in 1967) that beginning with the data for 1968 (and beginning with the census data for 1960) the Bureau of the Census includes persons in these unrelated subfamilies in the count of secondary individuals.

Veteran Status-If a person served at any time during the four most recent wartime periods, the codes for all periods of service are entered. A person can report up to 4 periods of service. The following codes are used:

- 0 Children under 15
- 1 September 2001 or later
- 2 August 1990 to August 2001
- 3 May 1975 to July 1990
- 4 Vietnam era (Aug 1964 to Apr 1975)
- 5 February 1955 to July 1964
- 6 Korean War (July 1950 to January 1955)
- 7 January 1947 to June 1950
- 8 World War II (December 1941 to December 1946)
- 9 November 1941 or earlier

Wage and Salary Workers-Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business.

Workers-(See Labor Force--Employed.)

Work Experience-Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

Year-Round Full-Time Worker-A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

ATTACHMENT 5

HOW TO USE THE RECORD LAYOUT

Data users familiar with the CPS data files in prior years will see many similarities between the format of this file and those files released before January 1994. As in the past, there are numeric locations on the file which correspond to each variable. There is only one record layout which contains the variables for children, adults, and armed forces members. In prior years, each type of person had a separate record layout.

Item Naming Conventions

∠ The first character of each variable name is one of the following:

H - Household item

G - Geography item

* P - Person item (includes adult items, child items, and armed forces items)

* There is no need to distinguish adult, child, and armed forces items in the variable names in the new system. The recode **PRPERTYP** (located in positions 161-162) tells you what category the person is in.

∠ The second character of each variable name is one of the following:

E - Edited item

U - Unedited item

X- Allocation flag (see Attachment 15 for more information) W

W- Weight

R - Recode

∠ The remaining characters describe the variable.

∠ For multiple entry items, the file contains a separate variable for each possible response. Each item has the same descriptive name but a number is added as the last digit. For example, Question 22A allows separate entries for up to 6 job search methods. The item names are **PELKM1** (this item is edited), **PULKM2**, (this item is unedited), **PULKM3**, etc. These items are located in positions 296-307 of the record layout.

ATTACHMENT 6

CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

STANDARD PUBLIC USE FILES

A1. HOUSEHOLD INFORMATION

* STARTING JANUARY 2017 *

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|----------|
| HRHHID | 15 | HOUSEHOLD IDENTIFIER (Part 1) | 1- 15 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | Part 1. See Characters 71-75 for Part 2 of the Household Identifier. Use Part 1 only for matching backward in time and use in combination with Part 2 for matching forward in time. | |
| HRMONTH | 2 | MONTH OF INTERVIEW | 16-17 |
| | | EDITED UNIVERSE: ALL HHLDs IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 01 MIN VALUE | |
| | | 12 MAX VALUE | |
| HRYEAR4 | 4 | YEAR OF INTERVIEW | 18-21 |
| | | EDITED UNIVERSE: ALL HHLDs IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 1998 MIN VALUE | |
| | | 2999 MAX VALUE | |
| HURESPLI | 2 | LINE NUMBER OF THE CURRENT RESPONDENT | 22 - 23 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE
99 MAX VALUE

| | | | |
|---------|---|--------------------|---------|
| HUFINAL | 3 | FINAL OUTCOME CODE | 24 - 26 |
|---------|---|--------------------|---------|

OUTCOME CODES BETWEEN 001 AND 020 ARE FOR CATI.
ALL OTHER OUTCOME CODES ARE FOR CAPI.

VALID ENTRIES

1 FULLY COMPLETE CATI INTERVIEW
2 PARTIALLY COMPLETED CATI INTERVIEW
3 COMPLETE BUT PERSONAL VISIT REQUESTED NEXT MONTH
4 PARTIAL, NOT COMPLETE AT CLOSEOUT
5 LABOR FORCE COMPLETE, SUPPLEMENT INCOMPLETE - CATI
6 LF COMPLETE, SUPPLEMENT DK ITEMS INCOMPLETE AT
CLOSEOUT-ASEC ONLY
020 HH OCCUPIED ENTIRELY BY ARMED FORCES MEMBERS
OR ALL UNDER 15 YEARS OF AGE
201 CAPI COMPLETE
202 CALLBACK NEEDED
203 SUFFICIENT PARTIAL - PRECLOSEOUT
204 SUFFICIENT PARTIAL - AT CLOSEOUT
205 LABOR FORCE COMPLETE, - SUPPL. INCOMPLETE - CAPI
213 LANGUAGE BARRIER
214 UNABLE TO LOCATE
216 NO ONE HOME
217 TEMPORARILY ABSENT
218 REFUSED
219 OTHER OCCUPIED - SPECIFY
223 ENTIRE HOUSEHOLD ARMED FORCES
224 ENTIRE HOUSEHOLD UNDER 15
225 TEMP. OCCUPIED W/PERSONS WITH URE
226 VACANT REGULAR
227 VACANT - STORAGE OF HHLD FURNITURE
228 UNFIT, TO BE DEMOLISHED
229 UNDER CONSTRUCTION, NOT READY
230 CONVERTED TO TEMP BUSINESS OR STORAGE
231 UNOCCUPIED TENT OR TRAILER SITE
232 PERMIT GRANTED - CONSTRUCTION NOT STARTED
233 OTHER - SPECIFY
240 DEMOLISHED
241 HOUSE OR TRAILER MOVED
242 OUTSIDE SEGMENT
243 CONVERTED TO PERM. BUSINESS OR STORAGE

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|----------|
| | | 244 MERGED 245 CONDEMNED 246 BUILT AFTER APRIL 1, 2000 247 UNUSED SERIAL NO./LISTING SHEET LINE 248 OTHER - SPECIFY 256 REMOVED DURING SUB-SAMPLING 257 UNIT ALREADY HAD A CHANCE OF SELECTION | |
| HUSPNISH | 2 | IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER? <u>VALID ENTRIES</u> 1 SPANISH ONLY LANGUAGE SPOKEN | 27 - 28 |
| HETENURE | 2 | ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES) EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3 <u>VALID ENTRIES</u> 1 OWNED OR BEING BOUGHT BY A HH MEMBER 2 RENTED FOR CASH 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT NOTE: May be missing on the Basic CPS microdata files. This will be updated on later releases of the same month's data. | 29 - 30 |
| HEHOUSUT | 2 | TYPE OF HOUSING UNIT EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 0 OTHER UNIT 1 HOUSE, APARTMENT, FLAT 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC. 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL 4 HU IN ROOMING HOUSE 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED 6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED 7 HU NOT SPECIFIED ABOVE 8 QUARTERS NOT HU IN ROOMING OR BRDING HS 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL 10 UNOCCUPIED TENT SITE OR TRLR SITE | 31 - 32 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

| | | | |
|--|--|-------------------------------------|--|
| | | 11 STUDENT QUARTERS IN COLLEGE DORM | |
| | | 12 OTHER UNIT NOT SPECIFIED ABOVE | |

| | | | |
|----------|---|---|---------|
| HETELHHD | 2 | IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT? | 33 - 34 |
|----------|---|---|---------|

EDITED UNIVERSE: HRINTSTA = 1

VALID ENTRIES

1 YES
2 NO

| | | | |
|----------|---|--|---------|
| HETELAVL | 2 | IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? | 35 - 36 |
|----------|---|--|---------|

EDITED UNIVERSE: HETELHHD = 2

VALID ENTRIES

1 YES
2 NO

| | | | |
|----------|---|--------------------------------------|---------|
| HEPHONEO | 2 | IS A TELEPHONE INTERVIEW ACCEPTABLE? | 37 - 38 |
|----------|---|--------------------------------------|---------|

EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

1 YES
2 NO

| | | | |
|----------|---|---|---------|
| HEFAMINC | 2 | FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) | 39 - 40 |
|----------|---|---|---------|

Edited beginning January 2010

Note: Caution should be used when using this variable since it has an allocation rate of approximately 20 percent.

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 LESS THAN \$5,000
- 2 5,000 TO 7,499
- 3 7,500 TO 9,999
- 4 10,000 TO 12,499
- 5 12,500 TO 14,999
- 6 15,000 TO 19,999
- 7 20,000 TO 24,999
- 8 25,000 TO 29,999
- 9 30,000 TO 34,999
- 10 35,000 TO 39,999
- 11 40,000 TO 49,999
- 12 50,000 TO 59,999
- 13 60,000 TO 74,999
- 14 75,000 TO 99,999
- 15 100,000 TO 149,999
- 16 150,000 OR MORE

| | | | |
|---------|---|----------------------------|---------|
| HUTYPEA | 2 | TYPE A NONINTERVIEW REASON | 41 - 42 |
|---------|---|----------------------------|---------|

VALID ENTRIES

- 1 NO ONE HOME (NOH)
- 2 TEMPORARILY ABSENT (TA)
- 3 REFUSED (REF)
- 4 LANGUAGE BARRIER
- 5 UNABLE TO LOCATE
- 6 OTHER OCCUPIED - SPECIFY

| | | | |
|---------|---|-----------------------------|---------|
| HUTYPEB | 2 | TYPE B NON-INTERVIEW REASON | 43 - 44 |
|---------|---|-----------------------------|---------|

VALID ENTRIES

- 1 VACANT REGULAR
- 2 TEMPORARILY OCCUPIED BY PERSONS W/ URE
- 3 VACANT-STORAGE OF HHLD FURNITURE
- 4 UNFIT OR TO BE DEMOLISHED
- 5 UNDER CONSTRUCTION, NOT READY
- 6 CONVERTED TO TEMP BUSINESS OR STORAGE
- 7 UNOCCUPIED TENT SITE OR TRAILER SITE
- 8 PERMIT GRANTED CONSTRUCTION NOT STARTED
- 9 OTHER TYPE B - SPECIFY

| | | | |
|---------|---|-----------------------------|---------|
| HUTYPEC | 2 | TYPE C NON-INTERVIEW REASON | 45 - 46 |
|---------|---|-----------------------------|---------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 DEMOLISHED
- 2 HOUSE OR TRAILER MOVED
- 3 OUTSIDE SEGMENT
- 4 CONVERTED TO PERM. BUSINESS OR STORAGE
- 5 MERGED
- 6 CONDEMNED
- 8 UNUSED LINE OF LISTING SHEET
- 9 OTHER - SPECIFY

| | | | |
|---------|----|---|---------|
| HWHHWGT | 10 | HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS | 47 - 56 |
|---------|----|---|---------|

EDITED UNIVERSE: HRINTSTA = 1

| | | | |
|----------|---|------------------|---------|
| HRINTSTA | 2 | INTERVIEW STATUS | 57 - 58 |
|----------|---|------------------|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 1 INTERVIEW
- 2 TYPE A NON-INTERVIEW
- 3 TYPE B NON-INTERVIEW
- 4 TYPE C NON-INTERVIEW

| | | | |
|----------|---|---|---------|
| HRNUMHOU | 2 | TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS). | 59 - 60 |
|----------|---|---|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 0 MIN VALUE
- 16 MAX VALUE

| | | | |
|---------|---|----------------|---------|
| HRHTYPE | 2 | HOUSEHOLD TYPE | 61 - 62 |
|---------|---|----------------|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 0 NON-INTERVIEW HOUSEHOLD
- 1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)
- 2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF)
- 3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER
- 4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER
- 5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR.
- 6 CIVILIAN MALE PRIMARY INDIVIDUAL
- 7 CIVILIAN FEMALE PRIMARY INDIVIDUAL
- 8 PRIMARY INDIVIDUAL HHLD-RP IN AF
- 9 GROUP QUARTERS WITH FAMILY
- 10 GROUP QUARTERS WITHOUT FAMILY

| | | | |
|-------|---|---|---------|
| HRMIS | 2 | MONTH-IN-SAMPLE EDITED UNIVERSE: ALL HHLDs IN SAMPLE | 63 - 64 |
|-------|---|---|---------|

VALID ENTRIES

- 1 MIN VALUE
- 8 MAX VALUE

| | | | |
|----------|---|-------------------|---------|
| HUINTTYP | 2 | TYPE OF INTERVIEW | 65 - 66 |
|----------|---|-------------------|---------|

VALID ENTRIES

- 0 NONINTERVIEW/INDETERMINATE
- 1 PERSONAL
- 2 TELEPHONE

| | | | |
|----------|---|---|---------|
| HUPRSCNT | 2 | NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS | 67 - 68 |
|----------|---|---|---------|

VALID ENTRIES

- 1 MIN VALUE
- 9 MAX VALUE

| | | | |
|----------|---|---|---------|
| HRLONGLK | 2 | LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE | 69 - 70 |
|----------|---|---|---------|

VALID ENTRIES

- 10 MIS 1 OR REPLACEMENT HH (NO LINK)
- 2 MIS 2-4 OR MIS 6-8
- 3 MIS 5

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|----------|
| HRHHID2 | 5 | HOUSEHOLD IDENTIFIER (part 2) | 71 - 75 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time. | |
| | | The component parts of this number are as follows: | |
| | | 71-72 Numeric component of the sample number (HRSAMPLE) | |
| | | 73-74 Serial suffix-converted to numerics (HRSERSUF) | |
| | | 75 Household Number (HUHHNUM) | |
| HWHHWTLN | 2 | Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household | 76-77 |
| | | EDITED UNIVERSE: HRINTSTA = 1 | |
| | | <u>VALID ENTRIES</u> | |
| | | 0 MIN VALUE | |
| | | 16 MAX VALUE | |
| FILLER | 1 | | 78 - 78 |
| HUBUS | 2 | DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM? | 79 - 80 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| HUBUSL1 | 2 | ENTER LINE NUMBER FOR HUBUS = 1 | 81 - 82 |
| | | <u>VALID ENTRIES</u> | |
| | | 01 MIN VALUE | |
| | | 99 MAX VALUE | |
| HUBUSL2 | 2 | See BUSL1 | 83 - 84 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 MIN VALUE | |
| | | 99 MAX VALUE | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

| | | | |
|---------|---|-----------|---------|
| HUBUSL3 | 2 | See BUSL1 | 85 - 86 |
|---------|---|-----------|---------|

VALID ENTRIES

1 MIN VALUE
99 MAX VALUE

| | | | |
|---------|---|-----------|---------|
| HUBUSL4 | 2 | See BUSL1 | 87 - 88 |
|---------|---|-----------|---------|

VALID ENTRIES

1 MIN VALUE
99 MAX VALUE

A2. GEOGRAPHIC INFORMATION

| | | | |
|-------|---|--------|---------|
| GEREG | 2 | REGION | 89 - 90 |
|-------|---|--------|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 NORTHEAST
2 MIDWEST (FORMERLY NORTH CENTRAL)
3 SOUTH
4 WEST

| | | | |
|-------|---|----------|---------|
| GEDIV | 1 | DIVISION | 91 - 91 |
|-------|---|----------|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 NEW ENGLAND
2 MIDDLE ATLANTIC
3 EAST NORTH CENTRAL
4 WEST NORTH CENTRAL
5 SOUTH ATLANTIC
6 EAST SOUTH CENTRAL
7 WEST SOUTH CENTRAL
8 MOUNTAIN
9 PACIFIC

| | | | |
|--------|---|--|---------|
| FILLER | 1 | | 92 - 92 |
|--------|---|--|---------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

| | | | |
|----------|---|--|---------|
| GESTFIPS | 2 | FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE | 93 - 94 |
|----------|---|--|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

| | | | |
|----|----|----|----|
| 01 | AL | 30 | MT |
| 02 | AK | 31 | NE |
| 04 | AZ | 32 | NV |
| 05 | AR | 33 | NH |
| 06 | CA | 34 | NJ |
| 08 | CO | 35 | NM |
| 09 | CT | 36 | NY |
| 10 | DE | 37 | NC |
| 11 | DC | 38 | ND |
| 12 | FL | 39 | OH |
| 13 | GA | 40 | OK |
| 15 | HI | 41 | OR |
| 16 | ID | 42 | PA |
| 17 | IL | 44 | RI |
| 18 | IN | 45 | SC |
| 19 | IA | 46 | SD |
| 20 | KS | 47 | TN |
| 21 | KY | 48 | TX |
| 22 | LA | 49 | UT |
| 23 | ME | 50 | VT |
| 24 | MD | 51 | VA |
| 25 | MA | 53 | WA |
| 26 | MI | 54 | WV |
| 27 | MN | 55 | WI |
| 28 | MS | 56 | WY |
| 29 | MO | | |

| | | | |
|--------|---|--|---------|
| FILLER | 1 | | 95 - 95 |
|--------|---|--|---------|

| | | | |
|--------|---|--|----------|
| GTCBSA | 5 | SPECIFIC METROPOLITAN CBSA CODE (SEE GEOGRAPHIC ATTACHMENT) | 96 - 100 |
|--------|---|--|----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

| | |
|-------|-----------------------------------|
| 00000 | NOT IDENTIFIED OR NONMETROPOLITAN |
| 10180 | MIN VALUE |
| 49740 | MAX VALUE |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| GTCO | 3 | FIPS COUNTY CODE | 101 - 103 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 000 NOT IDENTIFIED | |
| | | 001-810 SPECIFIC COUNTY CODE (SEE GEOGRAPHIC ATTACHMENT) | |
| | | NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY. ALSO, MOST COUNTIES ARE NOT IDENTIFIED. | |
| GTCSAST | 1 | PRINCIPAL CITY/BALANCE STATUS | 104 - 104 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 PRINCIPAL CITY | |
| | | 2 BALANCE | |
| | | 3 NONMETROPOLITAN | |
| | | 4 NOT IDENTIFIED | |
| GTMETSTA | 1 | METROPOLITAN STATUS | 105 - 105 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 METROPOLITAN | |
| | | 2 NONMETROPOLITAN | |
| | | 3 NOT IDENTIFIED | |
| GTINDVPC | 1 | INDIVIDUAL PRINCIPAL CITY | 106 - 106 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY | |
| | | 1-7 SPECIFIC PRINCIPAL CITY CODE (SEE GEOGRAPHIC ATTACHMENT) | |
| | | NOTE: WHENEVER POSSIBLE THIS CODE | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|------|--|-----------|
| | | IDENTIFIES SPECIFIC PRINCIPAL CITIES IN A METROPOLITAN AREA THAT HAS MULTIPLE PRINCIPAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE CBSA FIPS CODE (GTCBSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY. | |
| GTCBSASZ | 1 | Metropolitan Area (CBSA) SIZE | 107 - 107 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 0 NOT IDENTIFIED OR NONMETROPOLITAN | |
| | | 2 100,000 - 249,999 | |
| | | 3 250,000 - 499,999 | |
| | | 4 500,000 - 999,999 | |
| | | 5 1,000,000 - 2,499,999 | |
| | | 6 2,500,000 - 4,999,999 | |
| | | 7 5,000,000+ | |
| GTCSA | 3 | Consolidated Statistical Area (CSA) FIPS CODE (SEE GEOGRAPHIC ATTACHMENT) | 108-110 |
| | | EDITED UNIVERSE: ALL HHLD's IN SAMPLE | |
| | | <u>VALID ENTRIES</u> | |
| | | 000 NOT IDENTIFIED OR NONMETROPOLITAN | |
| | | 104 MIN VALUE | |
| | | 548 MAX VALUE | |
| FILLER | 3 | | 111 - 113 |
| <u>A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS</u> | | | |
| FILLER | 2 | Starting January 2014 | 114 - 117 |
| PERRP | 2 | RELATIONSHIP TO REFERENCE PERSON | 118 - 119 |
| | | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES

- 1 REFERENCE PERSON W/RELS.
- 2 REFERENCE PERSON W/O RELS.
- 3 SPOUSE
- 4 CHILD
- 5 GRANDCHILD
- 6 PARENT
- 7 BROTHER/SISTER
- 8 OTHER REL. OR REF. PERSON
- 9 FOSTER CHILD
- 10 NONREL. OF REF. PERSON W/RELS.
- 11 NOT USED
- 12 NONREL. OF REF. PERSON W/O RELS.
- 13 UNMARRIED PARTNER W/RELS.
- 14 UNMARRIED PARTNER W/OUT RELS.
- 15 HOUSEMATE/ROOMMATE W/RELS.
- 16 HOUSEMATE/ROOMMATE W/OUT RELS.
- 17 ROOMER/BOARDER W/RELS.
- 18 ROOMER/BOARDER W/OUT RELS.

SEE LOCATION 114 - 115 FOR THE
COLLAPSED VERSION

| | | | |
|----------|---|-----------------------|-----------|
| PEPARENT | 2 | LINE NUMBER OF PARENT | 120 - 121 |
|----------|---|-----------------------|-----------|

EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

- 1 NO PARENT
- 01 MIN VALUE
- 99 MAX VALUE

| | | | |
|--------|---|-------------|-----------|
| PRTAGE | 2 | PERSONS AGE | 122 - 123 |
|--------|---|-------------|-----------|

Note: This variable was labeled as PEAGE in prior versions of this documentation even though it contained the public use version of age that was topcoded and underwent further masking steps to protect the confidentiality of individuals in sample.

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

| | |
|-------|-----------------|
| 00-79 | Age in Years |
| 80 | 80-84 Years Old |
| 85 | 85+ Years Old |

| | | | |
|---------|---|-----------------------|-----------|
| PRTFAGE | 1 | TOP CODE FLAG FOR AGE | 124 - 124 |
|---------|---|-----------------------|-----------|

VALID ENTRIES

| | |
|---|-------------------------|
| 0 | NO TOP CODE |
| 1 | TOP CODED VALUE FOR AGE |

| | | | |
|----------|---|----------------|-----------|
| PEMARITL | 2 | MARITAL STATUS | 125 - 126 |
|----------|---|----------------|-----------|

EDITED UNIVERSE: PRTAGE >= 15

VALID ENTRIES

| | |
|---|--------------------------|
| 1 | MARRIED - SPOUSE PRESENT |
| 2 | MARRIED - SPOUSE ABSENT |
| 3 | WIDOWED |
| 4 | DIVORCED |
| 5 | SEPARATED |
| 6 | NEVER MARRIED |

| | | | |
|----------|---|-----------------------|-----------|
| PESPOUSE | 2 | LINE NUMBER OF SPOUSE | 127 - 128 |
|----------|---|-----------------------|-----------|

EDITED UNIVERSE: PEMARITL = 1

VALID ENTRIES

| | |
|----|-----------|
| -1 | NO SPOUSE |
| 01 | MIN VALUE |
| 99 | MAX VALUE |

| | | | |
|-------|---|-----|-----------|
| PESEX | 2 | SEX | 129 - 130 |
|-------|---|-----|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

| | |
|---|--------|
| 1 | MALE |
| 2 | FEMALE |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PEAFEVER | 2 | DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? <u>EDITED UNIVERSE:</u> PRTAGE >=17 <u>VALID ENTRIES</u> 1 YES 2 NO | 131 - 132 |
| FILLER | 2 | Starting August 2005 | 133 - 134 |
| PEAFNOW | 2 | ARE YOU NOW IN THE ARMED FORCES <u>EDITED UNIVERSE:</u> PRPERTYP = 2 or 3 <u>VALID ENTRIES</u> 1 YES 2 NO | 135 - 136 |
| PEEDUCA | 2 | HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED <u>EDITED UNIVERSE:</u> PRPERTYP = 2 OR 3 <u>VALID ENTRIES</u> 31 LESS THAN 1ST GRADE 32 1ST, 2ND, 3RD OR 4TH GRADE 33 5TH OR 6TH GRADE 34 7TH OR 8TH GRADE 35 9TH GRADE 36 10TH GRADE 37 11TH GRADE 38 12TH GRADE NO DIPLOMA 39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED) 40 SOME COLLEGE BUT NO DEGREE 41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL 42 ASSOCIATE DEGREE-ACADEMIC PROGRAM 43 BACHELOR'S DEGREE (EX: BA, AB, BS) 44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW) 45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM) 46 DOCTORATE DEGREE (EX: PhD, EdD) | 137 - 138 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PTDTRACE | 2 | RACE | 139 – 140 |
| | | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 White Only | |
| | | 2 Black Only | |
| | | 3 American Indian, Alaskan Native Only | |
| | | 4 Asian Only | |
| | | 5 Hawaiian/Pacific Islander Only | |
| | | 6 White-Black | |
| | | 7 White-AI | |
| | | 8 White-Asian | |
| | | 9 White-HP | |
| | | 10 Black-AI | |
| | | 11 Black-Asian | |
| | | 12 Black-HP | |
| | | 13 AI-Asian | |
| | | 14 AI-HP | |
| | | 15 Asian-HP | |
| | | 16 W-B-AI | |
| | | 17 W-B-A | |
| | | 18 W-B-HP | |
| | | 19 W-AI-A | |
| | | 20 W-AI-HP | |
| | | 21 W-A-HP | |
| | | 22 B-AI-A | |
| | | 23 W-B-AI-A | |
| | | 24 W-AI-A-HP | |
| | | 25 Other 3 Race Combinations | |
| | | 26 Other 4 and 5 Race Combinations | |
| PRDTHSP | 2 | DETAILED HISPANIC ORIGIN GROUP | 141 - 142 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

Revised January 2014

EDITED UNIVERSE: PEHSPNON = 1

VALID ENTRIES

1. Mexican
2. Puerto Rican
3. Cuban
4. Dominican
5. Salvadoran
6. Central American, excluding Salvadoran
7. South American
8. Other Spanish

| | | | |
|----------|---|---------------------------------|-----------|
| PUCHINHH | 2 | CHANGE IN HOUSEHOLD COMPOSITION | 143 – 144 |
|----------|---|---------------------------------|-----------|

VALID ENTRIES

- 1 PERSON ADDED
- 2 PERSON ADDED - URE
- 3 PERSON UNDELETED
- 4 PERSON DIED
- 5 DELETED FOR REASON OTHER THAN DEATH
- 6 PERSON JOINED ARMED FORCES
- 7 PERSON NO LONGER IN AF
- 9 CHANGE IN DEMOGRAPHIC INFORMATION

| | | | |
|--------|---|--|-----------|
| FILLER | 2 | | 145 - 146 |
|--------|---|--|-----------|

| | | | |
|----------|---|----------------------|-----------|
| PULINENO | 2 | PERSON'S LINE NUMBER | 147 – 148 |
|----------|---|----------------------|-----------|

VALID ENTRIES

- 01 MIN VALUE
- 99 MAX VALUE

| | | | |
|--------|---|--|-----------|
| FILLER | 2 | | 149 - 150 |
|--------|---|--|-----------|

| | | | |
|----------|---|----------------------|-----------|
| PRFAMNUM | 2 | FAMILY NUMBER RECODE | 151 - 152 |
|----------|---|----------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 NOT A FAMILY MEMBER
- 2 PRIMARY FAMILY MEMBER ONLY
- 3 SUBFAMILY NO. 2 MEMBER
- 4 SUBFAMILY NO. 3 MEMBER
- 5 SUBFAMILY NO. 4 MEMBER
- 6 SUBFAMILY NO. 5 MEMBER
- 7 SUBFAMILY NO. 6 MEMBER
- 8 SUBFAMILY NO. 7 MEMBER
- 9 SUBFAMILY NO. 8 MEMBER
- 10 SUBFAMILY NO. 9 MEMBER
- 11 SUBFAMILY NO. 10 MEMBER
- 12 SUBFAMILY NO. 11 MEMBER
- 13 SUBFAMILY NO. 12 MEMBER
- 14 SUBFAMILY NO. 13 MEMBER
- 15 SUBFAMILY NO. 14 MEMBER
- 16 SUBFAMILY NO. 15 MEMBER
- 17 SUBFAMILY NO. 16 MEMBER
- 18 SUBFAMILY NO. 17 MEMBER
- 19 SUBFAMILY NO. 18 MEMBER
- 20 SUBFAMILY NO. 19 MEMBER

| | | | |
|----------|---|----------------------------|-----------|
| PRFAMREL | 2 | FAMILY RELATIONSHIP RECODE | 153 - 154 |
|----------|---|----------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

- 0 NOT A FAMILY MEMBER
- 1 REFERENCE PERSON
- 2 SPOUSE
- 3 CHILD
- 4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)

| | | | |
|----------|---|--------------------|-----------|
| PRFAMTYP | 2 | FAMILY TYPE RECODE | 155 - 156 |
|----------|---|--------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 PRIMARY FAMILY
- 2 PRIMARY INDIVIDUAL
- 3 RELATED SUBFAMILY
- 4 UNRELATED SUBFAMILY
- 5 SECONDARY INDIVIDUAL

| | | | |
|----------|---|--------------------------|-----------|
| PEHSPNON | 2 | HISPANIC OR NON-HISPANIC | 157 - 158 |
|----------|---|--------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 1 HISPANIC
- 2 NON-HISPANIC

| | | | |
|----------|---|--|-----------|
| PRMARSTA | 2 | MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED | 159 - 160 |
|----------|---|--|-----------|

UNIVERSE: PRPERTYP = 2 OR 3

VALID ENTRIES

- 1 MARRIED, CIVILIAN SPOUSE PRESENT
- 2 MARRIED, ARMED FORCES SPOUSE PRESENT
- 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED)
- 4 WIDOWED
- 5 DIVORCED
- 6 SEPARATED
- 7 NEVER MARRIED

| | | | |
|----------|---|------------------------------|-----------|
| PRPERTYP | 2 | TYPE OF PERSON RECORD RECODE | 161 - 162 |
|----------|---|------------------------------|-----------|

EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS

VALID ENTRIES

- 1 CHILD HOUSEHOLD MEMBER
- 2 ADULT CIVILIAN HOUSEHOLD MEMBER
- 3 ADULT ARMED FORCES HOUSEHOLD MEMBER

| | | | |
|----------|---|------------------|-----------|
| PENATVTY | 3 | COUNTRY OF BIRTH | 163 - 165 |
|----------|---|------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

057 UNITED STATES
066 GUAM
073 PUERTO RICO
078 U. S. VIRGIN ISLANDS
096 OTHER U. S. ISLAND AREA
100-554 FOREIGN COUNTRY (SEE APPENDIX)
555 ELSEWHERE

| | | | |
|----------|---|---------------------------|-----------|
| PEMNTVTY | 3 | MOTHER'S COUNTRY OF BIRTH | 166 - 168 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

057 UNITED STATES
066 GUAM
073 PUERTO RICO
078 U. S. VIRGIN ISLANDS
096 OTHER U. S. ISLAND AREA
100-554 FOREIGN COUNTRY (SEE APPENDIX)
555 ELSEWHERE

| | | | |
|----------|---|---------------------------|-----------|
| PEFNTVTY | 3 | FATHER'S COUNTRY OF BIRTH | 169 - 171 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

057 UNITED STATES
066 GUAM
073 PUERTO RICO
078 U. S. VIRGIN ISLANDS
096 OTHER U. S. ISLAND AREA
100-554 FOREIGN COUNTRY (SEE APPENDIX)
555 ELSEWHERE

| | | | |
|----------|---|--------------------|-----------|
| PRCITSHP | 2 | CITIZENSHIP STATUS | 172 - 173 |
|----------|---|--------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 NATIVE, BORN IN THE UNITED STATES
- 2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS
- 3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS
- 4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION
- 5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES

| | | | |
|----------|---|-----------------------------|-----------|
| PRCITFLG | 2 | CITIZENSHIP ALLOCATION FLAG | 174 - 175 |
|----------|---|-----------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

Placed in this position because naming convention is different from all other allocation flags.

| | | | |
|----------|---|---------------------------|-----------|
| PRINUSYR | 2 | IMMIGRANT'S YEAR OF ENTRY | 176 - 177 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRCITSHIP = 2, 3, 4, OR 5

VALID ENTRIES

- 1 NOT IN UNIVERSE (BORN IN U.S.)
- 00 NOT FOREIGN BORN
- 01 BEFORE 1950
- 02 1950-1959
- 03 1960-1964
- 04 1965-1969
- 05 1970-1974
- 06 1975-1979
- 07 1980-1981
- 08 1982-1983
- 09 1984-1985
- 10 1986-1987
- 11 1988-1989
- 12 1990-1991
- 13 1992-1993
- 14 1994-1995
- 15 1996-1997
- 16 1998-1999
- 17 2000-2001
- 18 2002-2003
- 19 2004-2005
- 20 2006-2007
- 21 2008-2009
- 22 2010-2011

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

23 2012-2015

A4. PERSONS INFORMATION LABOR FORCE ITEMS

| | | | |
|----------|---|--|-----------|
| PUSLFPRX | 2 | LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE | 178 - 179 |
|----------|---|--|-----------|

VALID ENTRIES

- 1 SELF
- 2 PROXY
- 3 BOTH SELF AND PROXY

| | | | |
|-------|---|----------------------------|-----------|
| PEMLR | 2 | MONTHLY LABOR FORCE RECODE | 180 - 181 |
|-------|---|----------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 EMPLOYED-AT WORK
- 2 EMPLOYED-ABSENT
- 3 UNEMPLOYED-ON LAYOFF
- 4 UNEMPLOYED-LOOKING
- 5 NOT IN LABOR FORCE-RETIRED
- 6 NOT IN LABOR FORCE-DISABLED
- 7 NOT IN LABOR FORCE-OTHER

| | | | |
|------|---|---|-----------|
| PUWK | 2 | LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? | 182 - 183 |
|------|---|---|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

| | | | |
|--------|---|---|-----------|
| PUBUS1 | 2 | LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? | 184 - 185 |
|--------|---|---|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES 2 NO | |
| PUBUS2OT | 2 | DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS? | 186 - 187 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES 2 NO | |
| PUBUSCK1 | 2 | CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK | 188 - 189 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 GOTO PUBUS1 2 GOTO PURETCK1 | |
| PUBUSCK2 | 2 | CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK | 190 - 191 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 GOTO PUHRUSL1 2 GOTO PUBUS2 | |
| PUBUSCK3 | 2 | CHECK ITEM 3 | 192 - 193 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 GOTO PUABSRSN 2 GOTO PULAY | |
| PUBUSCK4 | 2 | CHECK ITEM 4 | 194 - 195 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 GOTO PUHRUSL1 2 GOTO PUABSPD | |
| PURETOT | 2 | RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) | 196 - 197 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 WAS NOT RETIRED LAST MONTH

| | | | |
|-------|---|--|-----------|
| PUDIS | 2 | DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS? | 198 - 199 |
|-------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 DID NOT HAVE DISABILITY LAST MONTH

| | | | |
|--------|---|---|-----------|
| PERET1 | 2 | DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME? | 200 - 201 |
|--------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR
(PUWK = 3 AND PRTAGE >= 50) OR
(PUABS = 3 AND PRTAGE >= 50) OR
(PULAY = 3 AND PRTAGE >= 50))

VALID ENTRIES

- 1 YES
- 2 NO
- 3 HAS A JOB

| | | | |
|--------|---|--|-----------|
| PUDIS1 | 2 | DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? | 202 - 203 |
|--------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|--------|---|--|-----------|
| PUDIS2 | 2 | DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? | 204 - 205 |
|--------|---|--|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|---|-----------|
| PUABSOT | 2 | LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME? | 206 - 207 |
|---------|---|---|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

| | | | |
|-------|---|--|-----------|
| PULAY | 2 | LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? | 208 - 209 |
|-------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

| | | | |
|---------|---|---|-----------|
| PEABSRN | 2 | WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? | 210 - 211 |
|---------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

- 1 ON LAYOFF
- 2 SLACK WORK/BUSINESS CONDITIONS
- 3 WAITING FOR A NEW JOB TO BEGIN
- 4 VACATION/PERSONAL DAYS
- 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS
- 6 CHILD CARE PROBLEMS
- 7 OTHER FAMILY/PERSONAL OBLIGATION
- 8 MATERNITY/PATERNITY LEAVE
- 9 LABOR DISPUTE
- 10 WEATHER AFFECTED JOB
- 11 SCHOOL/TRAINING
- 12 CIVIC/MILITARY DUTY
- 13 DOES NOT WORK IN THE BUSINESS
- 14 OTHER (SPECIFY)

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| PEABSPDO | 2 | ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? EDITED UNIVERSE: PEABSRSN = 4-12, 14 <u>VALID ENTRIES</u> 1 YES 2 NO | 212 - 213 |
| PEMJOT | 2 | DO YOU HAVE MORE THAN ONE JOB? EDITED UNIVERSE: PEMLR = 1, 2 <u>VALID ENTRIES</u> 1 YES 2 NO | 214 - 215 |
| PEMJNUM | 2 | ALTOGETHER, HOW MANY JOBS DID YOU HAVE? EDITED UNIVERSE: PEMJOT = 1 <u>VALID ENTRIES</u> 2 2 JOBS 3 3 JOBS 4 4 OR MORE JOBS | 216 - 217 |
| PEHRUSL1 | 2 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB? EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2 <u>VALID ENTRIES</u> -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE | 218 - 219 |
| PEHRUSL2 | 2 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)? | 220 - 221 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| | | EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2 | |
| | | <u>VALID ENTRIES</u> | |
| | | -4 HOURS VARY | |
| | | 0 MIN VALUE | |
| | | 99 MAX VALUE | |
| PEHRFTPT | 2 | DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK? | 222 - 223 |
| | | EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| | | 3 HOURS VARY | |
| PEHRUSLT | 3 | SUM OF HRUSL1 AND HRUSL2. | 224 - 226 |
| | | EDITED UNIVERSE: PEMLR = 1 OR 2 | |
| | | <u>VALID ENTRIES</u> | |
| | | -4 VARIES | |
| | | 0 MIN VALUE | |
| | | 198 MAX VALUE | |
| PEHRWANT | 2 | DO YOU WANT TO WORK A FULL-TIME WORK WEEK OF 35 HOURS OR MORE PER WEEK? | 227 - 228 |
| | | EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 PEHRFTPT = 2) | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| | | 3 REGULAR HOURS ARE FULL-TIME | |
| PEHRRSN1 | 2 | WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME? | 229 - 230 |
| | | EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35) | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 SLACK WORK/BUSINESS CONDITIONS
- 2 COULD ONLY FIND PART-TIME WORK
- 3 SEASONAL WORK
- 4 CHILD CARE PROBLEMS
- 5 OTHER FAMILY/PERSONAL OBLIGATIONS
- 6 HEALTH/MEDICAL LIMITATIONS
- 7 SCHOOL/TRAINING
- 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS
- 10 OTHER - SPECIFY

| | | | |
|----------|---|--|-----------|
| PEHRRSN2 | 2 | WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME? | 231 - 232 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35)

VALID ENTRIES

- 1 CHILD CARE PROBLEMS
- 2 OTHER FAMILY/PERSONAL OBLIGATIONS
- 3 HEALTH/MEDICAL LIMITATIONS
- 4 SCHOOL/TRAINING
- 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS
- 7 OTHER - SPECIFY

| | | | |
|----------|---|--|-----------|
| PEHRRSN3 | 2 | WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? | 233 - 234 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEHRACCTT = 1-34 AND PUHRCK7 NE 1, 2
(PEMLR = 1 AND PEHRUSLT = 35+)

VALID ENTRIES

- 1 SLACK WORK/BUSINESS CONDITIONS
- 2 SEASONAL WORK
- 3 JOB STARTED OR ENDED DURING WEEK
- 4 VACATION/PERSONAL DAY
- 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
- 6 HOLIDAY (LEGAL OR RELIGIOUS)
- 7 CHILD CARE PROBLEMS
- 8 OTHER FAMILY/PERSONAL OBLIGATIONS

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| | | 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON | |
| PUHROFF1 | 2 | LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY? <u>VALID ENTRIES</u> 1 YES 2 NO | 235 - 236 |
| PUHROFF2 | 2 | HOW MANY HOURS DID YOU TAKE OFF? <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE | 237 - 238 |
| PUHROT1 | 2 | LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK? <u>VALID ENTRIES</u> 1 YES 2 NO | 239 - 240 |
| PUHROT2 | 2 | HOW MANY ADDITIONAL HOURS DID YOU WORK? <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE | 241 - 242 |
| PEHRACT1 | 2 | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB? EDITED UNIVERSE: PEMLR = 1 | 243 - 244 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE
99 MAX VALUE

| | | | |
|----------|---|---|-----------|
| PEHRACT2 | 2 | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS) | 245 - 246 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1

VALID ENTRIES

0 MIN VALUE
99 MAX VALUE

| | | | |
|----------|---|-------------------------------|-----------|
| PEHRACTT | 3 | SUM OF PEHRACT1 AND PEHRACT2. | 247 - 249 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1

VALID ENTRIES

0 MIN VALUE
198 MAX VALUE

| | | | |
|---------|---|--|-----------|
| PEHRAVL | 2 | LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE? | 250 - 251 |
|---------|---|--|-----------|

EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND
PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3)

VALID ENTRIES

1 YES
2 NO

| | | | |
|--------|---|--|-----------|
| FILLER | 5 | | 252 - 256 |
|--------|---|--|-----------|

| | | | |
|---------|---|--------------|-----------|
| PUHRCK1 | 2 | CHECK ITEM 1 | 257 - 258 |
|---------|---|--------------|-----------|

VALID ENTRIES

1 GOTO PUHRUSL2
2 GOTO PUHRUSLT

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|---|-----------|
| PUHRCK2 | 2 | CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES <u>VALID ENTRIES</u> 1 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL1 AND ENTRY OF D, R, V OR 0-34 IN HRUSL2 GOTO HRFTPT 2 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL2 AND ENTRY OF D, R V OR 0-34 IN HRUSL1 GOTO HRFTPT 3 IF ENTRY OF 2, D OR R IN MJ AND ENTRY OF D, R OR V IN HRUSL1 GOTO HRFTPT 4 IF ENTRY OF 1 IN BUS1 AND ENTRY OF D, R OR V IN HRUSL1 THEN GOTO HRFTPT 5 ALL OTHERS GOTO HRCK3-C | 259 - 260 |
| PUHRCK3 | 2 | CHECK ITEM 3 <u>VALID ENTRIES</u> 1 IF ENTRY OF 1 IN ABSOT OR (ENTRY OR 2 IN ABSOT AND ENTRY OF 1 IN BUS AND CURRENT R_P EQUALS BUSLST) THEN GOTO HRCK8 2 IF ENTRY OF 3 IN RET1 GOTO HRCK8 3 IF ENTRY IN HRUSLT IS 0-34 HOURS GOTO HRCK4-C 4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1 5 ALL OTHERS GOTO HRCK4-C 6 GOTO PUHRCK4 | 261 - 262 |
| PUHRCK4 | 2 | CHECK ITEM 4 | 263 - 264 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------------------|------|---|-----------|
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF ENTRY OF 1, D, R OR V IN HRFTPT THEN GOTO HRACT1 | |
| | | 2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1 | |
| | | 3 IF HRUSLT IS 0-34 THEN GOTO HRWANT | |
| | | 4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT | |
| | | 5 ALL OTHERS GOTO HRACT1 | |
| PUHRCK5 | 2 | CHECK ITEM 5 | 265 - 266 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF ENTRY OF 1 IN MJOT GOTO HRACT2 | |
| | | 2 ALL OTHERS GOTO HRCK6-C | |
| PUHRCK6 | 2 | CHECK ITEM 6 | 267 - 268 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF HRACT1 AND HRACT2 EQ 0 AND ENTRY OF 2, D, R IN BUS2 THEN GOTO LK | |
| | | 2 IF HRACT1 AND HRACT2 EQ 0 THEN STORE 1 IN ABSOT AND GOTO ABSRSN | |
| | | 3 ALL OTHERS GOTO HRACTT-C | |
| PUHRCK7 | 2 | CHECK ITEM 7 | 269 - 270 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 LESS THAN 15 OR D) GOTO HRCK8 | |
| | | 2 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 IS 15+) GOTO HRCK8 | |
| | | 3 (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT) AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2 ISN'T D OR R THEN GOTO HRRSN3 | |
| | | 4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35 AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL | |
| | | 5 ALL OTHERS GOTO HRCK8 | |
| PUHRCK12 | 2 | CHECK ITEM 12 | 271 - 272 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| | | <u>VALID ENTRIES</u> | |
| | | 1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK | |
| | | 2 ALL OTHERS GOTO IOCK1 | |
| PULAYDT | 2 | HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK? | 273 - 274 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| PULAY6M | 2 | HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS? | 275 - 276 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| PELAYAVL | 2 | COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED? | 277 - 278 |
| | | EDITED UNIVERSE: PEMLR = 3 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| PULAYAVR | 2 | WHY IS THAT? | 279 - 280 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 OWN TEMPORARY ILLNESS | |
| | | 2 GOING TO SCHOOL | |
| | | 3 OTHER | |
| PELAYLK | 2 | EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS. | 281 - 282 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| | | <p>EDITED UNIVERSE: PELAYAVL= 1, 2</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p> | |
| PELAYDUR | 3 | <p>DURATION OF LAYOFF</p> <p>EDITED UNIVERSE: PELAYLK = 1, 2</p> <p><u>VALID ENTRIES</u></p> <p>01-51 Weeks on layoff 52 52 weeks or more Topcoded at 52 weeks starting April 2011</p> | 283 - 285 |
| PELAYFTO | 2 | <p>FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM</p> <p>EDITED UNIVERSE: PELAYDUR = 0-120</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p> | 286 - 287 |
| PULAYCK1 | 2 | <p>CHECK ITEM 1</p> <p><u>VALID ENTRIES</u></p> <p>1 GOTO PULAYCK3 2 GOTO PULAYFT 3 GOTO PULAYDR</p> | 288 - 289 |
| PULAYCK2 | 2 | <p>CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF</p> <p><u>VALID ENTRIES</u></p> <p>1 GOTO PULAYDR3 2 GOTO PULAYFT</p> | 290 - 291 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PULAYCK3 | 2 | CHECK ITEM 3 FILTER FOR DEPENDENT I & O <u>VALID ENTRIES</u> 1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK | 292 - 293 |
| PULK | 2 | HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? <u>VALID ENTRIES</u> 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK | 294 - 295 |
| PELKM1 | 2 | WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) EDITED UNIVERSE: PEMLR = 4 <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE | 296 - 297 |
| PULKM2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 298 - 299 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|--------|---|-------------------------------|-----------|
| PULKM3 | 2 | SAME AS PULKM2 (THIRD METHOD) | 300 - 301 |
|--------|---|-------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|--------|---|--------------------------------|-----------|
| PULKM4 | 2 | SAME AS PULKM2 (FOURTH METHOD) | 302 - 303 |
|--------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|---|-----------|
| | | 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKM5 | 2 | SAME AS PULKM2 (FIFTH METHOD) | 304 - 305 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKM6 | 2 | SAME AS PULKM2 (SIXTH METHOD) | 306 - 307 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKDK1 | 2 | YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD) | 308 - 309 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 12 NOTHING
- 13 OTHER PASSIVE

| | | | |
|---------|---|--------------------------------|-----------|
| PULKDK2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 310 - 311 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|---------|---|--------------------------------|-----------|
| PULKDK3 | 2 | SAME AS PULKDK2 (THIRD METHOD) | 312 - 313 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|---|-----------|
| | | 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKDK4 | 2 | SAME AS PULKDK2 (FOURTH METHOD) | 314 - 315 |
| | | <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKDK5 | 2 | SAME AS PULKDK2 (FIFTH METHOD) | 316 - 317 |
| | | <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKDK6 | 2 | SAME AS PULKDK2 (SIXTH METHOD) | 318 – 319 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|---------|---|--|-----------|
| PULKPS1 | 2 | CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD) | 320 - 321 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 12 NOTHING
- 13 OTHER PASSIVE

| | | | |
|---------|---|--------------------------------|-----------|
| PULKPS2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 322 - 323 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|---|-----------|
| | | 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKPS3 | 2 | SAME AS PULKPS2 (THIRD METHOD) | 324 - 325 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKPS4 | 2 | SAME AS PULKPS2 (FOURTH METHOD) | 326 - 327 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE | |
| PULKPS5 | 2 | SAME AS PULKPS2 (FIFTH METHOD) | 328 - 329 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|---------|---|--------------------------------|-----------|
| PULKPS6 | 2 | SAME AS PULKPS2 (SIXTH METHOD) | 330 - 331 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| | | | |
|---------|---|---|-----------|
| PELKAVL | 2 | LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? | 332 - 333 |
|---------|---|---|-----------|

EDITED UNIVERSE: PELKM1 = 1 - 13

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|--------------|-----------|
| PULKAVR | 2 | WHY IS THAT? | 334 - 335 |
|---------|---|--------------|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 WAITING FOR NEW JOB TO BEGIN
- 2 OWN TEMPORARY ILLNESS
- 3 GOING TO SCHOOL
- 4 OTHER - SPECIFY

| | | | |
|----------|---|--|-----------|
| PELKLL1O | 2 | BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? | 336 - 337 |
|----------|---|--|-----------|

EDITED UNIVERSE: PELKAVL = 1-2

VALID ENTRIES

- 1 WORKING
- 2 SCHOOL
- 3 LEFT MILITARY SERVICE
- 4 SOMETHING ELSE

| | | | |
|----------|---|--|-----------|
| PELKLL2O | 2 | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? | 338 - 339 |
|----------|---|--|-----------|

EDITED UNIVERSE: PELKLL1O = 1 OR 3

VALID ENTRIES

- 1 LOST JOB
- 2 QUIT JOB
- 3 TEMPORARY JOB ENDED

| | | | |
|---------|---|------------------|-----------|
| PELKLWO | 2 | WHEN LAST WORKED | 340 - 341 |
|---------|---|------------------|-----------|

EDITED UNIVERSE: PELKLL1O = 1 - 4

VALID ENTRIES

- 1 WITHIN THE LAST 12 MONTHS
- 2 MORE THAN 12 MONTHS AGO
- 3 NEVER WORKED

| | | | |
|---------|---|-------------------------|-----------|
| PELKDUR | 3 | DURATION OF JOB SEEKING | 342 - 344 |
|---------|---|-------------------------|-----------|

EDITED UNIVERSE: PELKLWO = 1 - 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0-118 Weeks looking for work
119 119 or more weeks looking

Topcoded at 119 weeks starting April 2011

| | | | |
|---------|---|---------------------------|-----------|
| PELKFTO | 2 | FT/PT STATUS OF JOBSEEKER | 345 - 346 |
|---------|---|---------------------------|-----------|

EDITED UNIVERSE: PELKDUR = 0-120

VALID ENTRIES

1 YES
2 NO
3 DOESN'T MATTER

| | | | |
|----------|---|--|-----------|
| PEDWWNT0 | 2 | DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? EDITED | 347 - 348 |
|----------|---|--|-----------|

UNIVERSE: PUDWCK1 = 3, 4, -1

VALID ENTRIES

1 YES, OR MAYBE, IT DEPENDS
2 NO
3 RETIRED
4 DISABLED
5 UNABLE

| | | | |
|---------|---|---|-----------|
| PEDWRSN | 2 | WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS? | 349 - 350 |
|---------|---|---|-----------|

EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE
2 COULDN'T FIND ANY WORK
3 LACKS NECESSARY SCHOOLING/TRAINING
4 EMPLOYERS THINK TOO YOUNG OR TOO OLD
5 OTHER TYPES OF DISCRIMINATION
6 CAN'T ARRANGE CHILD CARE
7 FAMILY RESPONSIBILITIES

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- | | |
|----|---------------------------------|
| 8 | IN SCHOOL OR OTHER TRAINING |
| 9 | ILL-HEALTH, PHYSICAL DISABILITY |
| 10 | TRANSPORTATION PROBLEMS |
| 11 | OTHER - SPECIFY |

| | | | |
|---------|---|--|-----------|
| PEDWLKO | 2 | DID YOU LOOK FOR WORK AT ANY TIME IN THE LAST 12 MONTHS | 351 - 352 |
|---------|---|--|-----------|

EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)

VALID ENTRIES

- | | |
|---|-----|
| 1 | YES |
| 2 | NO |

| | | | |
|--------|---|--|-----------|
| PEDWWK | 2 | DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS? | 353 - 354 |
|--------|---|--|-----------|

EDITED UNIVERSE: PEDWLKO = 1

VALID ENTRIES

- | | |
|---|-----|
| 1 | YES |
| 2 | NO |

| | | | |
|---------|---|---|-----------|
| PEDW4WK | 2 | DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS? | 355 - 356 |
|---------|---|---|-----------|

EDITED UNIVERSE: PEDWWK = 1

VALID ENTRIES

- | | |
|---|-----|
| 1 | YES |
| 2 | NO |

| | | | |
|------------|--|--|-----------|
| PEDWLKWK 2 | | SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK? | 357 - 358 |
|------------|--|--|-----------|

EDITED UNIVERSE: PEDW4WK = 2

VALID ENTRIES

- | | |
|---|-----|
| 1 | YES |
| 2 | NO |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|---|-----------|
| PEDWAVL | 2 | <p>LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p> | 359 - 360 |
| PEDWAVR | 2 | <p>WHY IS THAT?</p> <p>EDITED UNIVERSE: PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER</p> | 361 - 362 |
| PUDWCK1 | 2 | <p>SCREEN FOR DISCOURAGED WORKERS</p> <p><u>VALID ENTRIES</u></p> <p>1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK 2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1 3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNT0 AND GOTO PUDWCK4 4 ALL OTHERS GOTO PUDWWNT</p> | 363 - 364 |
| PUDWCK2 | 2 | <p>SCREEN FOR DISABLED</p> <p><u>VALID ENTRIES</u></p> <p>1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C 2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1 3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2 4 ALL OTHERS GOTO PUDWCK4</p> | 365 - 366 |
| PUDWCK3 | 2 | <p>FILTER FOR RETIRED</p> <p><u>VALID ENTRIES</u></p> <p>1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4 2 ALL OTHERS GOTO PUNLFCK2</p> | 367 - 368 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PUDWCK4 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 369 - 370 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5 | |
| | | 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5 | |
| | | 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKPS1-LKPS3 GOTO PUDWCK5 | |
| | | 4 ALL OTHERS GOTO PUDWRSN | |
| PUDWCK5 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 371 - 372 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK | |
| | | 2 ALL OTHERS GOTO PUDWLK | |
| PEJHWKO | 2 | HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS? | 373 - 374 |
| | | EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| PUJHDP1O | 2 | DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS? | 375 - 376 |
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES | |
| | | 2 NO | |
| PEJHRSN | 2 | WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB? | 377 - 378 |
| | | EDITED UNIVERSE: PEJHWKO = 1 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 PERSONAL/FAMILY (INCLUDING PREGNANCY)
- 2 RETURN TO SCHOOL
- 3 HEALTH
- 4 RETIREMENT OR OLD AGE
- 5 TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE
- 6 SLACK WORK/BUSINESS CONDITIONS
- 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.)
- 8 OTHER - SPECIFY

| | | | |
|----------|---|---|-----------|
| PEJHWANT | 2 | DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS? | 379 - 380 |
|----------|---|---|-----------|

EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8)

VALID ENTRIES

- 1 YES, OR IT DEPENDS
- 2 NO

| | | | |
|---------|---|-------------------------------|-----------|
| PUJHCK1 | 2 | FILTER FOR OUTGOING ROTATIONS | 381 - 382 |
|---------|---|-------------------------------|-----------|

VALID ENTRIES

- 1 PURET1 = 1, -2, OR -3
THEN GOTO NLFCK2
- 2 IF MISCK EQUALS 4 OR 8
THEN GOTO PUJHCK2
- 3 ALL OTHERS GOTO PUNLFCK1

| | | | |
|---------|---|---|-----------|
| PUJHCK2 | 2 | FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES | 383 - 384 |
|---------|---|---|-----------|

VALID ENTRIES

- 1 IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4
THEN STORE 1 IN JHWKO, STORE DW4WK
IN JHDP1O AND GOTO PUJHRSN
- 2 IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN
JHWKO AND GOTO PUJHWANT
- 3 ALL OTHERS GOTO PUJHWK

| | | | |
|----------|---|-----------------------------------|-----------|
| PRABSREA | 2 | REASON NOT AT WORK AND PAY STATUS | 385 - 386 |
|----------|---|-----------------------------------|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

| | |
|----|---|
| 1 | FT PAID-VACATION |
| 2 | FT PAID-OWN ILLNESS |
| 3 | FT PAID-CHILD CARE PROBLEMS |
| 4 | FT PAID-OTHER FAMILY/PERSONAL OBLIG. |
| 5 | FT PAID-MATERNITY/PATERNITY LEAVE |
| 6 | FT PAID-LABOR DISPUTE |
| 7 | FT PAID-WEATHER AFFECTED JOB |
| 8 | FT PAID-SCHOOL/TRAINING |
| 9 | FT PAID-CIVIC/MILITARY DUTY |
| 10 | FT PAID-OTHER |
| 11 | FT UNPAID-VACATION |
| 12 | FT UNPAID-OWN ILLNESS |
| 13 | FT UNPAID-CHILD CARE PROBLEMS |
| 14 | FT UNPAID-OTHER FAM/PERSONAL OBLIGATION |
| 15 | FT UNPAID-MATERNITY/PATERNITY LEAVE |
| 16 | FT UNPAID-LABOR DISPUTE |
| 17 | FT UNPAID-WEATHER AFFECTED JOB |
| 18 | FT UNPAID-SCHOOL/TRAINING |
| 19 | FT UNPAID-CIVIC/MILITARY DUTY |
| 20 | FT UNPAID-OTHER |
| 21 | PT PAID-VACATION |
| 22 | PT PAID-OWN ILLNESS |
| 23 | PT PAID-CHILD CARE PROBLEMS |
| 24 | PT PAID-OTHER FAMILY/PERSONAL OBLIG. |
| 25 | PT PAID-MATERNITY/PATERNITY LEAVE |
| 26 | PT PAID-LABOR DISPUTE |
| 27 | PT PAID-WEATHER AFFECTED JOB |
| 28 | PT PAID-SCHOOL/TRAINING |
| 29 | PT PAID-CIVIC/MILITARY DUTY |
| 30 | PT PAID-OTHER |
| 31 | PT UNPAID-VACATION |
| 32 | PT UNPAID-OWN ILLNESS |
| 33 | PT UNPAID-CHILD CARE PROBLEMS |
| 34 | PT UNPAID-OTHER FAM/PERSONAL OBLIGATION |
| 35 | PT UNPAID-MATERNITY/PATERNITY LEAVE |
| 36 | PT UNPAID-LABOR DISPUTE |
| 37 | PT UNPAID-WEATHER AFFECTED JOB |
| 38 | PT UNPAID-SCHOOL/TRAINING |
| 39 | PT UNPAID-CIVIC/MILITARY DUTY |
| 40 | PT UNPAID-OTHER |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PRCIVLF | 2 | CIVILIAN LABOR FORCE | 387 - 388 |
| | | EDITED UNIVERSE: PEMLR = 1-7 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 IN CIVILIAN LABOR FORCE | |
| | | 2 NOT IN CIVILIAN LABOR FORCE | |
| PRDISC | 2 | DISCOURAGED WORKER RECODE | 389 - 390 |
| | | EDITED UNIVERSE: PRJOBSEA = 1-4 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 DISCOURAGED WORKER | |
| | | 2 CONDITIONALLY INTERESTED | |
| | | 3 NOT AVAILABLE | |
| PREMPHRS | 2 | REASON NOT AT WORK OR HOURS AT WORK | 391 - 392 |
| | | EDITED UNIVERSE: PEMLR = 1-7 | |
| | | <u>VALID ENTRIES</u> | |
| | | 0 UNEMPLOYED AND NILF | |
| | | 1 W/JOB, NOT AT WORK-ILLNES | |
| | | 2 W/JOB, NOT AT WORK-VACATION | |
| | | 3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB | |
| | | 4 W/JOB, NOT AT WORK-LABOR DISPUTE | |
| | | 5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS | |
| | | 6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION | |
| | | 7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY | |
| | | 8 W/JOB, NOT AT WORK-SCHOOL/TRAINING | |
| | | 9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY | |
| | | 10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS | |
| | | 11 W/JOB, NOT AT WORK-OTHER | |
| | | 12 AT WORK- 1-4 HRS | |
| | | 13 AT WORK- 5-14 HRS | |
| | | 14 AT WORK- 15-21 HRS | |
| | | 15 AT WORK- 22-29 HRS | |
| | | 16 AT WORK- 30-34 HRS | |
| | | 17 AT WORK- 35-39 HRS | |
| | | 18 AT WORK- 40 HRS | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| | | 19 AT WORK- 41-47 HRS 20 AT WORK- 48 HRS 21 AT WORK- 49-59 HRS 22 AT WORK- 60 HRS OR MORE | |
| PREMPNOT | 2 | MLR - EMPLOYED, UNEMPLOYED, OR NILF EDITED UNIVERSE: PEMLR = 1-7 <u>VALID ENTRIES</u> 1 EMPLOYED 2 UNEMPLOYED 3 NOT IN LABOR FORCE (NILF)-discouraged 4 NOT IN LABOR FORCE (NILF)-other | 393 - 394 |
| PREXPLF | 2 | EXPERIENCED LABOR FORCE EMPLOYMENT EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3 <u>VALID ENTRIES</u> 1 EMPLOYED 2 UNEMPLOYED | 395 - 396 |
| PRFTLF | 2 | FULL TIME LABOR FORCE EDITED UNIVERSE: PEMLR = 1-4 <u>VALID ENTRIES</u> 1 FULL TIME LABOR FORCE 2 PART TIME LABOR FORCE | 397 - 398 |
| PRHRUSL | 2 | USUAL HOURS WORKED WEEKLY EDITED UNIVERSE: PEMLR = 1-2 <u>VALID ENTRIES</u> 1 0-20 HRS 2 21-34 HRS 3 35-39 HRS 4 40 HRS | 399 - 400 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| | | 5 41-49 HRS 6 50 OR MORE HRS 7 VARIES-FULL TIME 8 VARIES-PART TIME | |
| PRJOBSEA | 2 | JOB SEARCH RECODE | 401 - 402 |
| | | EDITED UNIVERSE: PRWNTJOB = 1 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 LOOKED LAST 12 MONTHS, SINCE COMPLETING PREVIOUS JOB 2 LOOKED AND WORKED IN THE LAST 4 WEEKS 3 LOOKED LAST 4 WEEKS - LAYOFF 4 UNAVAILABLE JOB SEEKERS 5 NO RECENT JOB SEARCH | |
| PRPTHRS | 2 | AT WORK 1-34 BY HOURS AT WORK | 403 - 404 |
| | | EDITED UNIVERSE: PEMLR = 1 AND PEHRACTT = 1-34 | |
| | | <u>VALID ENTRIES</u> | |
| | | 0 USUALLY FT, PT FOR NONECONOMIC REASONS 1 USUALLY.FT, PT ECON REASONS; 1-4 HRS 2 USUALLY.FT, PT ECON REASONS; 5-14 HRS 3 USUALLY.FT, PT ECON REASONS; 15-29 HRS 4 USUALLY.FT, PT ECON REASONS; 30-34 HRS 5 USUALLY.PT, ECON REASONS; 1-4 HRS 6 USUALLY.PT, ECON REASONS; 5-14 HRS 7 USUALLY.PT, ECON REASONS; 15-29 HRS 8 USUALLY.PT, ECON REASONS; 30-34 HRS 9 USUALLY.PT, NON-ECON REASONS; 1-4 HRS 10 USUALLY.PT, NON-ECON REASONS; 5-14 HRS 11 USUALLY.PT, NON-ECON REASONS; 15-29 HRS 12 USUALLY.PT, NON-ECON REASONS; 30-34 HRS | |
| PRPTREA | 2 | DETAILED REASON FOR PART-TIME | 405 - 406 |
| | | EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34) | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS
- 2 USU. FT-SEASONAL WORK
- 3 USU. FT-JOB STARTED/ENDED DURING WEEK
- 4 USU. FT-VACATION/PERSONAL DAY
- 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
- 6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)
- 7 USU. FT-CHILD CARE PROBLEMS
- 8 USU. FT-OTHER FAM/PERS OBLIGATIONS
- 9 USU. FT-LABOR DISPUTE
- 10 USU. FT-WEATHER AFFECTED JOB
- 11 USU. FT-SCHOOL/TRAINING
- 12 USU. FT-CIVIC/MILITARY DUTY
- 13 USU. FT-OTHER REASON
- 14 USU. PT-SLACK WORK/BUSINESS CONDITIONS
- 15 USU. PT-COULD ONLY FIND PT WORK
- 16 USU. PT-SEASONAL WORK
- 17 USU. PT-CHILD CARE PROBLEMS
- 18 USU. PT-OTHER FAM/PERS OBLIGATIONS
- 19 USU. PT-HEALTH/MEDICAL LIMITATIONS
- 20 USU. PT-SCHOOL/TRAINING
- 21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS
- 22 USU. PT-WORKWEEK <35 HOURS
- 23 USU. PT-OTHER REASON

| | | | |
|----------|---|---|-----------|
| PRUNEDUR | 3 | DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS | 407 - 409 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

- 0 MIN VALUE
- 119 MAX VALUE

Topcoded consistent with PELAYDUR or PELKDUR, as appropriate, starting April 2011.

| | | | |
|--------|---|--|-----------|
| FILLER | 2 | | 410 - 411 |
|--------|---|--|-----------|

| | | | |
|----------|---|-------------------------|-----------|
| PRUNTYPE | 2 | REASON FOR UNEMPLOYMENT | 412 - 413 |
|----------|---|-------------------------|-----------|

EDITED UNIVERSE: PEMLR = 3-4

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 JOB LOSER/ON LAYOFF
- 2 OTHER JOB LOSER
- 3 TEMPORARY JOB ENDED
- 4 JOB LEAVER
- 5 RE-ENTRANT
- 6 NEW-ENTRANT

| | | | |
|---------|---|---------------------------------------|-----------|
| PRWKSCH | 2 | LABOR FORCE BY TIME WORKED OR LOST | 414 - 415 |
|---------|---|---------------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

- 0 NOT IN LABOR FORCE
- 1 AT WORK
- 2 WITH JOB, NOT AT WORK
- 3 UNEMPLOYED, SEEKS FT
- 4 UNEMPLOYED, SEEKS PT

| | | | |
|----------|---|----------------------------|-----------|
| PRWKSTAT | 2 | FULL/PART-TIME WORK STATUS | 416 - 417 |
|----------|---|----------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

- 1 NOT IN LABOR FORCE
- 2 FT HOURS (35+), USUALLY FT
- 3 PT FOR ECONOMIC REASONS, USUALLY FT
- 4 PT FOR NON-ECONOMIC REASONS, USUALLY FT
- 5 NOT AT WORK, USUALLY FT
- 6 PT HRS, USUALLY PT FOR ECONOMIC REASONS
- 7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS
- 8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS
- 9 FT HOURS, USUALLY PT FOR NON-ECONOMIC
- 10 NOT AT WORK, USUALLY PART-TIME
- 11 UNEMPLOYED FT
- 12 UNEMPLOYED PT

| | | | |
|----------|---|--|-----------|
| PRWNTJOB | 2 | NILF RECODE - WANT A JOB OR OTHER NILF | 418 - 419 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEMLR = 5-7

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------------------|------|---|-----------|
| <u>VALID ENTRIES</u> | | | |
| | | 1 WANT A JOB | |
| | | 2 OTHER NOT IN LABOR FORCE | |
| PUJHCK3 | 2 | JOB HISTORY CHECK ITEM | 420 - 421 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1 | |
| | | 2 ALL OTHERS GOTO PUJHRN | |
| PUJHCK4 | 2 | SCREEN FOR DEPENDENT NILF | 422 - 423 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUJHCK5 | |
| | | 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUIO1INT | |
| | | 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRN THEN GOTO PUJHCK5 | |
| | | 4 IF ENTRY IN PUJHRN THEN GOTO PUIO1INT | |
| | | 5 ALL OTHERS GOTO PUNLFCK1 | |
| PUJHCK5 | 2 | SCREEN FOR DEPENDENT NILF | 424 - 425 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT | |
| | | 2 ALL OTHERS GOTO PUIOCK5 | |
| PUIODP1 | 2 | LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)? | 426 - 427 |
| <u>VALID ENTRIES</u> | | | |
| | | 1 YES | |
| | | 2 NO | |
| PUIODP2 | 2 | HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH? | 428 - 429 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|---|-----------|
| PUIODP3 | 2 | LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? | 430 - 431 |
|---------|---|---|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|----------|---|---|-----------|
| PEIO1COW | 2 | INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB | 432 - 433 |
|----------|---|---|-----------|

NOTE: A PEIO1COW CODE CAN BE ASSIGNED
EVEN IF AN INDIVIDUAL IS NOT CURRENTLY
EMPLOYED.

EDITED UNIVERSE: (PEMLR = 1-3) OR
(PEMLR = 4 AND PELKLWO = 1-2) OR
(PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))
OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR
= 7 AND (PENLFJH = 1 OR PEJHWKO = 1))

VALID ENTRIES

- 1 GOVERNMENT - FEDERAL
- 2 GOVERNMENT - STATE
- 3 GOVERNMENT - LOCAL
- 4 PRIVATE, FOR PROFIT
- 5 PRIVATE, NONPROFIT
- 6 SELF-EMPLOYED, INCORPORATED
- 7 SELF-EMPLOYED, UNINCORPORATED
- 8 WITHOUT PAY

| | | | |
|----------|---|--|-----------|
| PUIO1MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? | 434 - 435 |
|----------|---|--|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

| | | | |
|---------|---|---|-----------|
| PADDING | 6 | Main Job I & O Codes moved to columns 856 - 863 | 436 - 441 |
|---------|---|---|-----------|

| | | | |
|----------|---|--|-----------|
| PEIO2COW | 2 | INDIVIDUAL CLASS OF WORKER ON SECOND JOB. | 442 - 443 |
|----------|---|--|-----------|

NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED
ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE
EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY
HAVE A VALUE IN OUT-GOING ROTATIONS.

EDITED UNIVERSE: PRIOELG = 1 and PEMJOT = 1 AND HRMIS = 4,8

VALID ENTRIES

- 1 GOVERNMENT - FEDERAL
- 2 GOVERNMENT - STATE
- 3 GOVERNMENT - LOCAL
- 4 PRIVATE, FOR PROFIT
- 5 PRIVATE, NONPROFIT
- 6 SELF-EMPLOYED, INCORPORATED
- 7 SELF-EMPLOYED, UNINCORPORATED
- 8 WITHOUT PAY

| | | | |
|----------|---|--|-----------|
| PUIO2MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? | 444 - 445 |
|----------|---|--|-----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

| | | | |
|---------|---|---|-----------|
| PADDING | 6 | Second Job I & O codes moved to columns 864 - 871 | 446 - 451 |
|---------|---|---|-----------|

| | | | |
|---------|---|--|-----------|
| PUIOCK1 | 2 | I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O | 452 - 453 |
|---------|---|--|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 IF (MISCK EQ 1 OR 5)
OR (MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND
(ENTRY OF 1 IN ABS) THEN GOTO PUIO1INT
- 2 IF (MISCK EQ 1 OR 5)
OR (MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)
AND (ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3) GOTO
PUIO1INT
- 3 IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT
- 4 ALL OTHERS GOTO PUIODP1

| | | | |
|---------|---|--|-----------|
| PUIOCK2 | 2 | I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES | 454 - 455 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND
- 2 IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC
- 3 ALL OTHERS GOTO PUIODP2

| | | | |
|---------|---|--------------------|-----------|
| PUIOCK3 | 2 | I & O CHECK ITEM 3 | 456 - 457 |
|---------|---|--------------------|-----------|

VALID ENTRIES

- 1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC
- 2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC
- 3 ALL OTHERS GOTO PUIODP3

| | | | |
|---------|---|---|-----------|
| PRIOELG | 2 | INDUSTRY AND OCCUPATION ELIGIBILITY FLAG | 458 - 459 |
|---------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 1-3,
OR (PEMLR = 4 AND PELKLWO = 1 OR 2)
OR (PEMLR = 5 AND (PEJHWKO
= 1 OR PENLFJH=1), OR
(PEMLR = 6 AND PENLFJH = 1), OR
PEMLR = 7 AND PEJHWKO = 1)

VALID ENTRIES

- 0 NOT ELIGIBLE FOR EDIT
- 1 ELIGIBLE FOR EDIT

| NAME | SIZE | DESCRIPTION | LOCATION |
|---------|------|--|-----------|
| PRAGNA | 2 | AGRICULTURE/ NON-AGRICULTURE INDUSTRY | 460 - 461 |
| | | EDITED UNIVERSE: PRIOELG = 1 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 AGRICULTURAL | |
| | | 2 NON-AGRICULTURAL | |
| PRCOW1 | 2 | CLASS OF WORKER RECODE - JOB 1 | 462 - 463 |
| | | EDITED UNIVERSE: PRIOELG = 1 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 FEDERAL GOVT | |
| | | 2 STATE GOVT | |
| | | 3 LOCAL GOVT | |
| | | 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) | |
| | | 5 SELF-EMPLOYED, UNINCORP. | |
| | | 6 WITHOUT PAY | |
| PRCOW2 | 2 | CLASS OF WORKER RECODE - JOB 2 | 464 - 465 |
| | | EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 FEDERAL GOVT | |
| | | 2 STATE GOVT | |
| | | 3 LOCAL GOVT | |
| | | 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) | |
| | | 5 SELF-EMPLOYED, UNINCORP. | |
| | | 6 WITHOUT PAY | |
| PRCOWPG | 2 | COW - PRIVATE OR GOVERNMENT | 466 - 467 |
| | | EDITED UNIVERSE: PEIO1COW = 1 - 5 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 PRIVATE
- 2 GOVERNMENT

| | | | |
|----------|---|---|-----------|
| PRDTCOW1 | 2 | DETAILED CLASS OF WORKER RECODE - JOB 1 | 468 - 469 |
|----------|---|---|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 AGRI., WAGE & SALARY, PRIVATE
- 2 AGRI., WAGE & SALARY, GOVERNMENT
- 3 AGRI., SELF-EMPLOYED
- 4 AGRI., UNPAID
- 5 NONAG, WS, PRIVATE, PRIVATE HHLDS
- 6 NONAG, WS, PRIVATE, OTHER PRIVATE
- 7 NONAG, WS, GOVT, FEDERAL
- 8 NONAG, WS, GOVT, STATE
- 9 NONAG, WS, GOVT, LOCAL
- 10 NONAG, SELF-EMPLOYED
- 11 NONAG, UNPAID

| | | | |
|----------|---|---|-----------|
| PRDTCOW2 | 2 | DETAILED CLASS OF WORKER RECODE - JOB 2 | 470 - 471 |
|----------|---|---|-----------|

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND
HRMIS = 4 OR 8

VALID ENTRIES

- 1 AGRI., WAGE & SALARY, PRIVATE
- 2 AGRI., WAGE & SALARY, GOVERNMENT
- 3 AGRI., SELF-EMPLOYED
- 4 AGRI., UNPAID
- 5 NONAG, WS, PRIVATE, PRIVATE HHLDS
- 6 NONAG, WS, PRIVATE, OTHER PRIVATE
- 7 NONAG, WS, GOVT, FEDERAL
- 8 NONAG, WS, GOVT, STATE
- 9 NONAG, WS, GOVT, LOCAL
- 10 NONAG, SELF-EMPLOYED
- 11 NONAG, UNPAID

| | | | |
|----------|---|----------------------------------|-----------|
| PRDTIND1 | 2 | DETAILED INDUSTRY RECODE - JOB 1 | 472 - 473 |
|----------|---|----------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 Agriculture
- 2 Forestry, logging, fishing, hunting, and trapping
- 3 Mining
- 4 Construction
- 5 Nonmetallic mineral product manufacturing
- 6 Primary metals and fabricated metal products
- 7 Machinery manufacturing
- 8 Computer and electronic product manufacturing
- 9 Electrical equipment, appliance manufacturing
- 10 Transportation equipment manufacturing
- 11 Wood products
- 12 Furniture and fixtures manufacturing
- 13 Miscellaneous and not specified manufacturing
- 14 Food manufacturing
- 15 Beverage and tobacco products
- 16 Textile, apparel, and leather manufacturing
- 17 Paper and printing
- 18 Petroleum and coal products manufacturing
- 19 Chemical manufacturing
- 20 Plastics and rubber products
- 21 Wholesale trade
- 22 Retail trade
- 23 Transportation and warehousing
- 24 Utilities
- 25 Publishing industries (except internet)
- 26 Motion picture and sound recording industries
- 27 Broadcasting (except internet)
- 28 Internet publishing and broadcasting
- 29 Telecommunications
- 30 Internet service providers and data processing services
- 31 Other information services
- 32 Finance
- 33 Insurance
- 34 Real estate
- 35 Rental and leasing services
- 36 Professional and technical services
- 37 Management of companies and enterprises
- 38 Administrative and support services
- 39 Waste management and remediation services
- 40 Educational services

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|------|--|-----------|
| | | 41 Hospitals 42 Health care services, except hospitals 43 Social assistance 44 Arts, entertainment, and recreation 45 Accommodation 46 Food services and drinking places 47 Repair and maintenance 48 Personal and laundry services 49 Membership associations and organizations 50 Private households 51 Public administration 52 Armed forces | |
| PRDTIND2 | 2 | DETAILED INDUSTRY RECODE - JOB 2 | 474 - 475 |
| EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 | | | |
| <u>VALID ENTRIES</u> | | | |
| | | 1 Agriculture 2 Forestry, logging, fishing, hunting, and trapping 3 Mining 4 Construction 5 Nonmetallic mineral product manufacturing 6 Primary metals and fabricated metal products 7 Machinery manufacturing 8 Computer and electronic product manufacturing 9 Electrical equipment, appliance manufacturing 10 Transportation equipment manufacturing 11 Wood products 12 Furniture and fixtures manufacturing 13 Miscellaneous and not specified manufacturing 14 Food manufacturing 15 Beverage and tobacco products 16 Textile, apparel, and leather manufacturing 17 Paper and printing 18 Petroleum and coal products manufacturing 19 Chemical manufacturing 20 Plastics and rubber products 21 Wholesale trade 22 Retail trade 23 Transportation and warehousing | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|--|----------|
| | | 24 Utilities | |
| | | 25 Publishing industries (except internet) | |
| | | 26 Motion picture and sound recording industries | |
| | | 27 Broadcasting (except internet) | |
| | | 28 Internet publishing and broadcasting | |
| | | 29 Telecommunications | |
| | | 30 Internet service providers and data processing services | |
| | | 31 Other information services | |
| | | 32 Finance | |
| | | 33 Insurance | |
| | | 34 Real estate | |
| | | 35 Rental and leasing services | |
| | | 36 Professional and technical services | |
| | | 37 Management of companies and enterprises | |
| | | 38 Administrative and support services | |
| | | 39 Waste management and remediation services | |
| | | 40 Educational services | |
| | | 41 Hospitals | |
| | | 42 Health care services, except hospitals | |
| | | 43 Social assistance | |
| | | 44 Arts, entertainment, and recreation | |
| | | 45 Accommodation | |
| | | 46 Food services and drinking places | |
| | | 47 Repair and maintenance | |
| | | 48 Personal and laundry services | |
| | | 49 Membership associations and organizations | |
| | | 50 Private households | |
| | | 51 Public administration | |
| | | 52 Armed forces | |

| | | | |
|----------|---|------------------------------------|-----------|
| PRDTOCC1 | 2 | DETAILED OCCUPATION RECODE - JOB 1 | 476 - 477 |
|----------|---|------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations
- 4 Architecture and engineering occupations
- 5 Life, physical, and social science occupations
- 6 Community and social service occupations

| NAME | SIZE | DESCRIPTION | LOCATION |
|--|------|--|-----------|
| | | <ul style="list-style-type: none"> 7 Legal occupations 8 Education, training, and library occupations 9 Arts, design, entertainment, sports, and media occupations 10 Healthcare practitioner and technical occupations 11 Healthcare support occupations 12 Protective service occupations 13 Food preparation and serving related occupations 14 Building and grounds cleaning and maintenance occupations 15 Personal care and service occupations 16 Sales and related occupations 17 Office and administrative support occupations 18 Farming, fishing, and forestry occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations 23 Armed Forces | |
| PRDTOCC2 | 2 | DETAILED OCCUPATION RECODE | 478 - 479 |
| EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 | | | |
| <u>VALID ENTRIES</u> | | | |
| | | <ul style="list-style-type: none"> 1 Management occupations 2 Business and financial operations occupations 3 Computer and mathematical science occupations 4 Architecture and engineering occupations 5 Life, physical, and social science occupations 6 Community and social service occupations 7 Legal occupations 8 Education, training, and library occupations 9 Arts, design, entertainment, sports, and media occupations 10 Healthcare practitioner and technical occupations 11 Healthcare support occupations 12 Protective service occupations 13 Food preparation and serving related occupations 14 Building and grounds cleaning and maintenance occupations 15 Personal care and service occupations 16 Sales and related occupations | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| | | 17 Office and administrative support occupations 18 Farming, fishing, and forestry occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations 23 Armed Forces | |
| PREMP | 2 | EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE EDITED UNIVERSE: PEMLR = 1 OR 2 AND PTIO1OCD ne 403-407, 473-484 <u>VALID ENTRY</u> 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH) | 480 - 481 |
| PRMJIND1 | 2 | MAJOR INDUSTRY RECODE - JOB 1 EDITED UNIVERSE: PRDTIND1 = 1-51 <u>VALID ENTRIES</u> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration 14 Armed Forces | 482 - 483 |
| PRMJIND2 | 2 | MAJOR INDUSTRY RECODE - JOB 2 EDITED UNIVERSE: PRDTIND2 = 1-51 | 484 - 485 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 Agriculture, forestry, fishing, and hunting
- 2 Mining
- 3 Construction
- 4 Manufacturing
- 5 Wholesale and retail trade
- 6 Transportation and utilities
- 7 Information
- 8 Financial activities
- 9 Professional and business services
- 10 Educational and health services
- 11 Leisure and hospitality
- 12 Other services
- 13 Public administration
- 14 Armed Forces

| | | | |
|---------|---|------------------------------------|-----------|
| PRMJOC1 | 2 | MAJOR OCCUPATION RECODE - JOB 1 | 486 - 487 |
|---------|---|------------------------------------|-----------|

EDITED UNIVERSE: PRDTOCC1 = 1-46

VALID ENTRIES

- 1 Management, business, and financial occupations
- 2 Professional and related occupations
- 3 Service occupations
- 4 Sales and related occupations
- 5 Office and administrative support occupations
- 6 Farming, fishing, and forestry occupations
- 7 Construction and extraction occupations
- 8 Installation, maintenance, and repair occupations
- 9 Production occupations
- 10 Transportation and material moving occupations
- 11 Armed Forces

| | | | |
|---------|---|------------------------------------|-----------|
| PRMJOC2 | 2 | MAJOR OCCUPATION RECODE - JOB 2 | 488 - 489 |
|---------|---|------------------------------------|-----------|

EDITED UNIVERSE: PRDTOCC2 = 1-46

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 Management, business, and financial occupations
- 2 Professional and related occupations
- 3 Service occupations
- 4 Sales and related occupations
- 5 Office and administrative support occupations
- 6 Farming, fishing, and forestry occupations
- 7 Construction and extraction occupations
- 8 Installation, maintenance, and repair occupations
- 9 Production occupations
- 10 Transportation and material moving occupations
- 11 Armed Forces

| | | | |
|----------|---|-----------------------------|-----------|
| PRMJOCGR | 2 | MAJOR OCCUPATION CATEGORIES | 490 - 491 |
|----------|---|-----------------------------|-----------|

EDITED UNIVERSE: PRMJOC = 1-11

VALID ENTRIES

- 1 Management, professional, and related occupations
- 2 Service occupations
- 3 Sales and office occupations
- 4 Farming, fishing, and forestry occupations
- 5 Construction, and maintenance occupations
- 6 Production, transportation, and material moving occupations
- 7 Armed Forces

| | | | |
|----------|---|--|-----------|
| PRNAGPWS | 2 | NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE | 492 - 493 |
|----------|---|--|-----------|

EDITED UNIVERSE: PRCOW1 = 1 AND
PEIO1ICD ne 0170 - 0890

VALID ENTRY

- 1 NON-AG PRIV WAGE & SALARY

| | | | |
|---------|---|---|-----------|
| PRNAGWS | 2 | NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE | 494 - 495 |
|---------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 1-4
AND PRCOW = 1-4 AND
PEIO1ICD ne 0170-0290

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRY

| | | | |
|--------|---|----------------------------------|-----------|
| PRSJMJ | 1 | NON-AG WAGE AND SALARY WORKERS | 496 - 497 |
| | 2 | SINGLE/MULTIPLE JOBHOLDER RECODE | |

EDITED UNIVERSE: PEMLR = 1 OR 2

VALID ENTRIES

| | | | |
|---------|---------------------------|--------------------|-----------|
| PRERELG | 1 | SINGLE JOBHOLDER | 498 - 499 |
| | 2 | MULTIPLE JOBHOLDER | |
| 2 | EARNINGS ELIGIBILITY FLAG | | |

EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8

VALID ENTRIES

| | | | |
|----------|--|-----------------------|-----------|
| PEERNUOT | 0 | NOT ELIGIBLE FOR EDIT | 500 - 501 |
| | 1 | ELIGIBLE FOR EDIT | |
| 2 | DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB? | | |

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

| | | | |
|----------|-------------|-----|-----------|
| PEERNPER | 1 | YES | 502 - 503 |
| | 2 | NO | |
| 2 | PERIODICITY | | |

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

| | |
|---|-----------------|
| 1 | HOURLY |
| 2 | WEEKLY |
| 3 | BI-WEEKLY |
| 4 | TWICE MONTHLY |
| 5 | MONTHLY |
| 6 | ANNUALLY |
| 7 | OTHER – SPECIFY |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| PEERNRT | 2 | <p>EVEN THOUGH YOU TOLD ME IT IS EASIER TO REPORT YOUR EARNINGS (PERIODICITY); ARE YOU PAID AT AN HOURLY RATE ON YOUR (MAIN/THIS) JOB?</p> <p>EDITED UNIVERSE: PEERNPER = 2-7</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p> | 504 - 505 |
| PEERNHRY | 2 | <p>HOURLY/NONHOURLY STATUS</p> <p>EDITED UNIVERSE: PRERELG = 1</p> <p><u>VALID ENTRIES</u></p> <p>1 HOURLY WORKER 2 NONHOURLY WORKER</p> | 506 - 507 |
| PTERNH1C | 4 | <p>WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS</p> <p><u>VALID ENTRIES</u></p> <p>0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that $PEERNHRO \times PTERNH1C \leq 2884.61$)</p> | 508 - 511 |
| PTERNH2 | 4 | <p>(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS</p> <p>EDITED UNIVERSE: PEERNRT = 1</p> <p><u>VALID ENTRIES</u></p> <p>0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the in PEERNHRO such that $PEERNHRO \times PTERNH2 \leq 2884.61$)</p> | 512 - 515 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| PTERNH1O | 4 | OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61) | 516 - 519 |
| PTERNHLY | 4 | RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61) | 520 - 523 |
| PTHR | 1 | HOURLY PAY - TOP CODE <u>VALID ENTRIES</u> 0 NOT TOPCODED 1 TOPCODED | 524 - 524 |
| PEERNHRO | 2 | USUAL HOURS EDITED UNIVERSE: PTERNH1O = ENTRY <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE | 525 - 526 |
| PTERNWA | 8 | WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS EDITED UNIVERSE: PRERELG = 1 | 527 - 534 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE
288461 MAX VALUE

| | | | |
|------|---|----------------------------|-----------|
| PTWK | 1 | WEEKLY EARNINGS - TOP CODE | 535 - 535 |
|------|---|----------------------------|-----------|

0 NOT TOPCODED
1 TOPCODED

| | | | |
|--------|---|--|-----------|
| FILLER | 4 | | 536 - 539 |
|--------|---|--|-----------|

| | | | |
|-------|---|---|-----------|
| PTERN | 8 | CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS | 540 - 547 |
|-------|---|---|-----------|

EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1

VALID ENTRIES

0 MIN VALUE
288461 MAX VALUE

| | | | |
|--------|---|--|-----------|
| PTERN2 | 8 | CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS | 548 - 555 |
|--------|---|--|-----------|

VALID ENTRIES

0 MIN VALUE
288461 MAX VALUE

| | | | |
|------|---|-----------------------------------|-----------|
| PTOT | 1 | WEEKLY OVERTIME AMOUNT - TOP CODE | 556 - 556 |
|------|---|-----------------------------------|-----------|

VALID ENTRIES

0 NOT TOPCODED
1 TOPCODED

| | | | |
|--------|---|--|-----------|
| FILLER | 2 | | 557 - 558 |
|--------|---|--|-----------|

| | | | |
|----------|---|---|-----------|
| PEERNWKP | 2 | HOW MANY WEEKS A YEAR DO YOU GET PAID FOR? | 559 - 560 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEERNPER = 6

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------------------|------|--|-----------|
| <u>VALID ENTRIES</u> | | | |
| | | 01 MIN VALUE | |
| | | 52 MAX VALUE | |
| PEERNLAB | 2 | ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION? | 561 - 562 |
| | | EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) | |
| <u>VALID ENTRIES</u> | | | |
| | | 1 YES | |
| | | 2 NO | |
| PEERNCOV | 2 | ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT? | 563 - 564 |
| | | EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) | |
| <u>VALID ENTRIES</u> | | | |
| | | 1 YES | |
| | | 2 NO | |
| PENLFJH | 2 | WHEN DID YOU LAST WORK AT A JOB OR BUSINESS? | 565 - 566 |
| | | EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7 | |
| <u>VALID ENTRIES</u> | | | |
| | | 1 WITHIN THE LAST 12 MONTHS | |
| | | 2 MORE THAN 12 MONTHS AGO | |
| | | 3 NEVER WORKED | |
| PENLFRET | 2 | ARE YOU RETIRED FROM A JOB OR BUSINESS? | 567 - 568 |
| | | EDITED UNIVERSE: PRTAGE = 50+ AND PEMLR = 3-7 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|----------|---|--|-----------|
| PENLFACT | 2 | WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE? | 569 - 570 |
|----------|---|--|-----------|

EDITED UNIVERSE: (PRTAGE = 14-49) or (PENLFRET = 2)

VALID ENTRIES

- 1 DISABLED
- 2 ILL
- 3 IN SCHOOL
- 4 TAKING CARE OF HOUSE OR FAMILY
- 5 IN RETIREMENT
- 6 SOMETHINGELSE/OTHER

| | | | |
|----------|---|--------------------------------------|-----------|
| PUNLFCK1 | 2 | NOT IN LABOR FORCE CHECK ITEM - 1 | 571 - 572 |
|----------|---|--------------------------------------|-----------|

VALID ENTRIES

- 1 IF AGERNG EQUALS 1-4 OR 9
THEN GOTO NLFACT
- 2 ALL OTHERS GOT NLFRET

| | | | |
|----------|---|--------------------------------------|-----------|
| PUNLFCK2 | 2 | NOT IN LABOR FORCE CHECK ITEM - 2 | 573 - 574 |
|----------|---|--------------------------------------|-----------|

VALID ENTRIES

- 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH
- 2 ALL OTHERS GOTO LBFR-END

| | | | |
|----------|---|--|-----------|
| PESCHENR | 2 | LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY? | 575 - 576 |
|----------|---|--|-----------|

EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| | | <u>VALID ENTRIES</u> | |
| | | 1 YES 2 NO | |
| PESCHFT | 2 | ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT? | 577 - 578 |
| | | EDITED UNIVERSE: PESCHLVL = 1, 2 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 FULL-TIME 2 PART-TIME | |
| PESCHLVL | 2 | WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY? | 579 - 580 |
| | | EDITED UNIVERSE: PESCHENR = 1 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 HIGH SCHOOL 2 COLLEGE OR UNIVERSITY | |
| PRNLFSCH | 2 | NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL | 581 - 582 |
| | | EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PRTAGE = 16-24 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 IN SCHOOL 2 NOT IN SCHOOL | |
| | | PERSON'S WEIGHTS | |
| PWFMWGT | 10 | FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS. | 583 - 592 |
| | | EDITED UNIVERSE: PRPERTYP = 1-3 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|--|-----------|
| PWLGWGT | 10 | LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS) EDITED UNIVERSE: PRPERTYP = 2 | 593 - 602 |
| PWORWGT | 10 | OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF) EDITED UNIVERSE: PRPERTYP = 2 | 603 - 612 |
| PWSSWGT | 10 | FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX. EDITED UNIVERSE: PRPERTYP = 1-3 | 613 - 622 |
| PWVETWGT | 10 | VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA. EDITED UNIVERSE: PRPERTYP = 2 | 623 - 632 |
| PRCHLD | 2 | PRESENCE OF OWN CHILDREN <18 YEARS OF AGE BY SELECTED AGE GROUP EDITED UNIVERSE: PRFAMREL = 1 or 2 | 633-634 |

VALID ENTRIES

- 1 NIU (Not a parent)
- 0 No own children under 18 years of age
- 1 All own children 0-2 years of age
- 2 All own children 3-5 years of age
- 3 All own children 6-13 years of age
- 4 All own children 14-17 years of age
- 5 Own children 0-2 and 3-5 years of age (none 6-17)
- 6 Own children 0-2 and 6-13 years of age (none 3-5 or 14-17)

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 7 Own children 0- 2 and 14-17 years of age (none 3-13)
- 8 Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)
- 9 Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13)
- 10 Own children 6-13 and 14-17 years of age (none 0- 5)
- 11 Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)
- 12 Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)
- 13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5)
- 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2)
- 15 Own children from all age groups

| | | | |
|----------|---|---|---------|
| PRNMCHLD | 2 | Number of own children <18 years of age | 635-636 |
|----------|---|---|---------|

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

-1 NIU (Not a parent)

0:99 Number of own children under 18 years of age

ALLOCATION FLAGS

Unless otherwise noted, the values for all allocation flags are defined as described below:

VALID ENTRIES

- 0 VALUE - NO CHANGE
- 1 BLANK - NO CHANGE
- 2 DON'T KNOW - NO CHANGE
- 3 REFUSED - NO CHANGE
- 10 VALUE TO VALUE
- 11 BLANK TO VALUE
- 12 DON'T KNOW TO VALUE
- 13 REFUSED TO VALUE
- 20 VALUE TO LONGITUDINAL VALUE
- 21 BLANK TO LONGITUDINAL VALUE
- 22 DON'T KNOW TO LONGITUDINAL VALUE
- 23 REFUSED TO LONGITUDINAL VALUE
- 30 VALUE TO ALLOCATED VALUE LONG
- 31 BLANK TO ALLOCATED VALUE LONG
- 32 DON'T KNOW TO ALLOCATED VALUE LONG
- 33 REFUSED TO ALLOCATED VALUE LONG
- 40 VALUE TO ALLOCATED VALUE
- 41 BLANK TO ALLOCATED VALUE

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| | | 42 DON'T KNOW TO ALLOCATED VALUE | |
| | | 43 REFUSED TO ALLOCATED VALUE | |
| | | 50 VALUE TO BLANK | |
| | | 52 DON'T KNOW TO BLANK | |
| | | 53 REFUSED TO BLANK | |
| PXPDEMP1 | 2 | ALLOCATION FLAG | 637-638 |
| PRWERNAL | 2 | ALLOCATION FLAG | 639 - 640 |
| | | WEEKLY EARNINGS RECODE (PTERNWA) ALLOCATION FLAG | |
| | | EDITED UNIVERSE: PRERELG = 1 | |
| | | 1 NO ALLOCATION | |
| | | 2 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED | |
| PRHERNAL | 2 | ALLOCATION FLAG | 641 - 642 |
| | | HOURLY EARNINGS RECODE (PTERNHLY) ALLOCATION FLAG | |
| | | EDITED UNIVERSE: PRERNHRY = 1 | |
| | | 1 NO ALLOCATION | |
| | | 2 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED | |
| HXTENURE | 2 | ALLOCATION FLAG See HETENURE note. | 643 - 644 |
| HXHOUSUT | 2 | ALLOCATION FLAG | 645 - 646 |
| HXTELHHD | 2 | ALLOCATION FLAG | 647 - 648 |
| HXTELAVL | 2 | ALLOCATION FLAG | 649 - 650 |
| HXPHONEO | 2 | ALLOCATION FLAG | 651 - 652 |
| PXINUSYR | 2 | ALLOCATION FLAG | 653 - 654 |
| PXRRP | 2 | ALLOCATION FLAG | 655 - 656 |
| PXPARENT | 2 | ALLOCATION FLAG | 657 - 658 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|-----------------|-----------|
| PXAGE | 2 | ALLOCATION FLAG | 659 - 660 |
| PXMARITL | 2 | ALLOCATION FLAG | 661 - 662 |
| PXSPOUSE | 2 | ALLOCATION FLAG | 663 - 664 |
| PXSEX | 2 | ALLOCATION FLAG | 665 - 666 |
| PXAFWHN1 | 2 | ALLOCATION FLAG | 667 - 668 |
| PXAFNOW | 2 | ALLOCATION FLAG | 669 - 670 |
| PXEDUCA | 2 | ALLOCATION FLAG | 671 - 672 |
| PXRACE1 | 2 | ALLOCATION FLAG | 673 - 674 |
| PXNATVTY | 2 | ALLOCATION FLAG | 675 - 676 |
| PXMNTVTY | 2 | ALLOCATION FLAG | 677 - 678 |
| PXFNTVTY | 2 | ALLOCATION FLAG | 679 - 680 |
| PXNMEMP1 | 2 | ALLOCATION FLAG | 681 - 682 |
| PXHSPNON | 2 | ALLOCATION FLAG | 683 - 684 |
| PXMLR | 2 | ALLOCATION FLAG | 685 - 686 |
| PXRET1 | 2 | ALLOCATION FLAG | 687 - 688 |
| PXABSRSN | 2 | ALLOCATION FLAG | 689 - 690 |
| PXABSPDO | 2 | ALLOCATION FLAG | 691 - 692 |
| PXMJOT | 2 | ALLOCATION FLAG | 693 - 694 |
| PXMJNUM | 2 | ALLOCATION FLAG | 695 - 696 |
| PXHRUSL1 | 2 | ALLOCATION FLAG | 697 - 698 |
| PXHRUSL2 | 2 | ALLOCATION FLAG | 699 - 700 |
| PXHRFTPT | 2 | ALLOCATION FLAG | 701 - 702 |
| PXHRUSLT | 2 | ALLOCATION FLAG | 703 - 704 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|-----------------|-----------|
| PXHRWANT | 2 | ALLOCATION FLAG | 705 - 706 |
| PXHRRSN1 | 2 | ALLOCATION FLAG | 707 - 708 |
| PXHRRSN2 | 2 | ALLOCATION FLAG | 709 - 710 |
| PXHRACT1 | 2 | ALLOCATION FLAG | 711 - 712 |
| PXHRACT2 | 2 | ALLOCATION FLAG | 713 - 714 |
| PXHRACTT | 2 | ALLOCATION FLAG | 715 - 716 |
| PXHRRSN3 | 2 | ALLOCATION FLAG | 717 - 718 |
| PXHRAVL | 2 | ALLOCATION FLAG | 719 - 720 |
| PXLAYAVL | 2 | ALLOCATION FLAG | 721 - 722 |
| PXLAYLK | 2 | ALLOCATION FLAG | 723 - 724 |
| PXLAYDUR | 2 | ALLOCATION FLAG | 725 - 726 |
| PXLAYFTO | 2 | ALLOCATION FLAG | 727 - 728 |
| PXLKM1 | 2 | ALLOCATION FLAG | 729 - 730 |
| PXLKAVL | 2 | ALLOCATION FLAG | 731 - 732 |
| PXLKLL1O | 2 | ALLOCATION FLAG | 733 - 734 |
| PXLKLL2O | 2 | ALLOCATION FLAG | 735 - 736 |
| PXLKLWO | 2 | ALLOCATION FLAG | 737 - 738 |
| PXLKDUR | 2 | ALLOCATION FLAG | 739 - 740 |
| PXLKFTO | 2 | ALLOCATION FLAG | 741 - 742 |
| PXDWWNTO | 2 | ALLOCATION FLAG | 743 - 744 |
| PXDWRSN | 2 | ALLOCATION FLAG | 745 - 746 |
| PXDWLKO | 2 | ALLOCATION FLAG | 747 - 748 |
| PXDWWK | 2 | ALLOCATION FLAG | 749 - 750 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|-----------------|-----------|
| PXDW4WK | 2 | ALLOCATION FLAG | 751 - 752 |
| PXDWLKWK | 2 | ALLOCATION FLAG | 753 - 754 |
| PXDWAVL | 2 | ALLOCATION FLAG | 755 - 756 |
| PXDWAVR | 2 | ALLOCATION FLAG | 757 - 758 |
| PXJHWKO | 2 | ALLOCATION FLAG | 759 - 760 |
| PXJHRSN | 2 | ALLOCATION FLAG | 761 - 762 |
| PXJHWANT | 2 | ALLOCATION FLAG | 763 - 764 |
| PXIO1COW | 2 | ALLOCATION FLAG | 765 - 766 |
| PXIO1ICD | 2 | ALLOCATION FLAG | 767 - 768 |
| PXIO1OCD | 2 | ALLOCATION FLAG | 769 - 770 |
| PXIO2COW | 2 | ALLOCATION FLAG | 771 - 772 |
| PXIO2ICD | 2 | ALLOCATION FLAG | 773 - 774 |
| PXIO2OCD | 2 | ALLOCATION FLAG | 775 - 776 |
| PXERNUOT | 2 | ALLOCATION FLAG | 777 - 778 |
| PXERNPER | 2 | ALLOCATION FLAG | 779 - 780 |
| PXERNH1O | 2 | ALLOCATION FLAG | 781 - 782 |
| PXERNHRO | 2 | ALLOCATION FLAG | 783 - 784 |
| PXERN | 2 | ALLOCATION FLAG | 785 - 786 |
| PXPDEMP2 | 2 | ALLOCATION FLAG | 787 - 788 |
| PXNMEMP2 | 2 | ALLOCATION FLAG | 789 - 790 |
| PXERNWKP | 2 | ALLOCATION FLAG | 791 - 792 |
| PXERNRT | 2 | ALLOCATION FLAG | 793 - 794 |
| PXERNHRY | 2 | ALLOCATION FLAG | 795 - 796 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|----------|------|---|-----------|
| PXERNH2 | 2 | ALLOCATION FLAG | 797 - 798 |
| PXERNLAB | 2 | ALLOCATION FLAG | 799 - 800 |
| PXERNCOV | 2 | ALLOCATION FLAG | 801 - 802 |
| PXNLFJH | 2 | ALLOCATION FLAG | 803 - 804 |
| PXNLFRET | 2 | ALLOCATION FLAG | 805 - 806 |
| PXNLFACT | 2 | ALLOCATION FLAG | 807 - 808 |
| PXSCHENR | 2 | ALLOCATION FLAG | 809 - 810 |
| PXSCHFT | 2 | ALLOCATION FLAG | 811 - 812 |
| PXSCHLVL | 2 | ALLOCATION FLAG | 813 - 814 |
| QSTNUM | 5 | Unique household identifier. Valid only within any specific month. | 815 - 819 |
| OCCURNUM | 2 | Unique person identifier. Valid only within any specific month. | 820 - 821 |
| PEDIPGED | 2 | How did...get...s high school diploma? EDITED UNIVERSE = PEEDUCA = 39 <u>VALID ENTRIES</u> 1 Graduation from high school 2 GED or other equivalent | 822 - 823 |
| PEHGCOMP | 2 | What was the highest grade of regular school...completed before receiving...s GED? EDITED UNIVERSE = PEDIPGED = 2 <u>VALID ENTRIES</u> 1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade | 824 - 825 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|-----------|------|---|-----------|
| | | 6 10th grade 7 11th grade 8 12th grade (no diploma) | |
| PECYC | 2 | How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 <u>VALID ENTRIES</u> 1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 5 Four or more years | 826 - 827 |
| PADDING | 6 | | 828 - 833 |
| PXDIPGED | 2 | ALLOCATION FLAG | 834 - 835 |
| PXHGCCOMP | 2 | ALLOCATION FLAG | 836 - 837 |
| PXCYC | 2 | ALLOCATION FLAG | 838 - 839 |
| PADDING | 6 | | 840 - 845 |
| PWCMPWGT | 10 | Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places) EDITED UNIVERSE: PRPERTYP = 2 AND PRTAGE = 16+ | 846 - 855 |
| PEIOIICD | 4 | INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1) | 856 - 859 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

| | |
|------|-----------|
| 0 | MIN VALUE |
| 9999 | MAX VALUE |

| | | | |
|----------|---|----------------------------------|-----------|
| PTIO1OCD | 4 | OCCUPATION CODE FOR PRIMARY JOB. | 860 - 863 |
|----------|---|----------------------------------|-----------|

EDITED UNIVERSE: (PEMLR = 1-3)
 OR (PEMLR = 4 AND PELKLWO = 1-2)
 OR (PEMLR = 5 AND (PENLFJH = 1 OR
 PEJHWKO = 1))
 OR (PEMLR = 6 AND PENLFJH = 1)
 OR (PEMLR = 7 AND PEJHWKO = 1)

VALID ENTRIES

| | |
|------|-----------|
| 0 | MIN VALUE |
| 9999 | MAX VALUE |

| | | | |
|----------|---|-------------------------------|-----------|
| PEIO2ICD | 4 | INDUSTRY CODE FOR SECOND JOB. | 864 - 867 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

| | |
|------|-----------|
| 0 | MIN VALUE |
| 9999 | MAX VALUE |

| | | | |
|----------|---|---------------------------------|-----------|
| PTIO2OCD | 4 | OCCUPATION CODE FOR SECOND JOB. | 868 - 871 |
|----------|---|---------------------------------|-----------|

EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

| | |
|------|-----------|
| 0 | MIN VALUE |
| 9999 | MAX VALUE |

| | | | |
|----------|---|--------------------------------------|-----------|
| PRIMIND1 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 1) | 872 - 873 |
|----------|---|--------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

| | |
|---|---|
| 1 | AGRICULTURE, FORESTRY, FISHING, and HUNTING |
| 2 | MINING |
| 3 | CONSTRUCTION |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- | | |
|----|---|
| 4 | MANUFACTURING - DURABLE GOODS |
| 5 | MANUFACTURING - NON-DURABLE GOODS |
| 6 | WHOLESALE TRADE |
| 7 | RETAIL TRADE |
| 8 | TRANSPORTATION AND WAREHOUSING |
| 9 | UTILITIES |
| 10 | INFORMATION |
| 11 | FINANCE AND INSURANCE |
| 12 | REAL ESTATE AND RENTAL AND LEASING |
| 13 | PROFESSIONAL AND TECHNICAL SERVICES |
| 14 | MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES |
| 15 | EDUCATIONAL SERVICES |
| 16 | HEALTH CARE AND SOCIAL SERVICES |
| 17 | ARTS, ENTERTAINMENT, AND RECREATION |
| 18 | ACCOMMODATION AND FOOD SERVICES |
| 19 | PRIVATE HOUSEHOLDS |
| 20 | OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS |
| 21 | PUBLIC ADMINISTRATION |
| 22 | ARMED FORCES |

| | | | |
|----------|---|--------------------------------------|-----------|
| PRIMIND2 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 2) | 874 - 875 |
|----------|---|--------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

- | | |
|----|---|
| 1 | AGRICULTURE, FORESTRY, FISHING, and HUNTING |
| 2 | MINING |
| 3 | CONSTRUCTION |
| 4 | MANUFACTURING - DURABLE GOODS |
| 5 | MANUFACTURING - NON-DURABLE GOODS |
| 6 | WHOLESALE TRADE |
| 7 | RETAIL TRADE |
| 8 | TRANSPORTATION AND WAREHOUSING |
| 9 | UTILITIES |
| 10 | INFORMATION |
| 11 | FINANCE AND INSURANCE |
| 12 | REAL ESTATE AND RENTAL AND LEASING |
| 13 | PROFESSIONAL AND TECHNICAL SERVICES |
| 14 | MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES |
| 15 | EDUCATIONAL SERVICES |
| 16 | HEALTH CARE AND SOCIAL SERVICES |

- 17 ARTS, ENTERTAINMENT, AND RECREATION
- 18 ACCOMMODATION AND FOOD SERVICES
- 19 PRIVATE HOUSEHOLDS
- 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS
- 21 PUBLIC ADMINISTRATION
- 22 ARMED FORCES

PEAFWHN1 2 WHEN DID YOU SERVE? 876 - 877

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

PEAFWHN2 2 WHEN DID YOU SERVE? 878 - 879

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

PEAFWHN3 2 WHEN DID YOU SERVE? 880 - 881

EDITED UNIVERSE: PEAFEVER = 1 VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990

- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

PEAFWHN4 2 WHEN DID YOU SERVE? 882 - 883

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

PXAFEVER 2 ALLOCATION FLAG 884 - 885

PELNDAD 2 LINE NUMBER OF FATHER 886 - 887

EDITED UNIVERSE: ALL

VALID ENTRIES

- 1 NO FATHER PRESENT
- 01 MIN VALUE
- 16 MAX VALUE

PELNMOM 2 LINE NUMBER OF MOTHER 888 – 88

EDITED UNIVERSE: ALL VALID ENTRIES

- 1 NO MOTHER PRESENT
- 01 MIN VALUE
- 16 MAX VALUE

PEDADTYP 2 TYPE OF FATHER 890 – 891

EDITED UNVERSE: ALL

- 1 NO FATHER PRESENT
- 1 BIOLOGICAL

| | | | |
|----------|---|--|-----------|
| | | 2 STEP 3 ADOPTED | |
| PEMOMTYP | 2 | TYPE OF MOTHER | 892 - 893 |
| | | EDITED UNIVERSE: ALL | |
| | | -1 NO MOTHER PRESENT 1 BIOLOGICAL 2 STEP 3 ADOPTED | |
| PECOHAB | 2 | LINE NUMBER OF COHABITING PARTNER | 894 - 895 |
| | | EDITED UNIVERSE: ALL <u>VALID</u> | |
| | | <u>ENTRIES</u> | |
| | | -1 NO PARTNER PRESENT 01 MIN VALUE 16 MAX VALUE | |
| PXLNDAD | 2 | ALLOCATION FLAG | 896 - 897 |
| PXLNMOM | 2 | ALLOCATION FLAG | 898 - 899 |
| PXDADTYP | 2 | ALLOCATION FLAG | 900 - 901 |
| PXMOMTYP | 2 | ALLOCATION FLAG | 902 - 903 |
| PXCOHAB | 2 | ALLOCATION FLAG | 904 - 905 |
| PEDISEAR | 2 | IS...DEAF OR DOES...HAVE SERIOUS DIFFICULTY HEARING? | 906 - 907 |
| | | EDITED UNIVERSE: PRPERTYP = 2 | |
| | | <u>VALID ENTRIES</u> | |
| | | 1 Yes 2 No | |
| PEDISEYE | 2 | IS...BLIND OR DOES...HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN | 908 - 909 |

WEARING GLASSES?

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1 Yes

2 No

| | | | |
|----------|---|---|-----------|
| PEDISREM | 2 | BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION, DOES...HAVE SERIOUS DIFFICULTY CONCENTRATING, REMEMBERING, OR MAKING DECISIONS? | 910 - 911 |
|----------|---|---|-----------|

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1 Yes

2 No

| | | | |
|----------|---|--|-----------|
| PEDISPHY | 2 | DOES...HAVE SERIOUS DIFFICULTY WALKING OR CLIMBING STAIRS? EDITED | 912 - 913 |
|----------|---|--|-----------|

UNIVERSE: PRPERTYP = 2 VALID ENTRIES

1 Yes

2 No

| | | | |
|----------|---|--|-----------|
| PEDISDRS | 2 | DOES ... HAVE DIFFICULTY DRESSING OR BATHING? | 914 - 915 |
|----------|---|--|-----------|

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1 Yes

2 No

| | | | |
|----------|---|--|-----------|
| PEDISOUT | 2 | BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION DOES...HAVE DIFFICULTY DOING ERRANDS ALONE SUCH AS | 916 - 917 |
|----------|---|--|-----------|

VISITING A DOCTOR'S OFFICE OR SHOPPING?

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 Yes
- 2 No

| | | | |
|----------|---|---|-----------|
| PRDISFLG | 2 | DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS? | 918 - 919 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1

VALID ENTRIES:

- 1 Yes
- 2 No

| | | | |
|----------|---|----------------------------|-----------|
| PXDISEAR | 2 | ALLOCATION FLAG | 920 - 921 |
| PXDISEYE | 2 | ALLOCATION FLAG | 922 - 923 |
| PXDISREM | 2 | ALLOCATION FLAG | 924 - 925 |
| PXDISPHY | 2 | ALLOCATION FLAG | 926 - 927 |
| PXDISDRS | 2 | ALLOCATION FLAG | 928 - 929 |
| PXDISOUT | 2 | ALLOCATION FLAG | 930 - 931 |
| HXFAMINC | 2 | ALLOCATION FLAG | 932 - 933 |
| PRDASIAN | 2 | DETAILED ASIAN RACE RECODE | 934 - 935 |

EDITED UNIVERSE: PTDTRACE = 4

VALID ENTRIES

1 = Asian Indian
 2 = Chinese
 3 = Filipino
 4 = Japanese
 5 = Korean
 6 = Vietnamese
 7 = Other

| | | | |
|----------|---|---|-----------|
| PEPDEMP1 | 2 | DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? | 936 - 937 |
|----------|---|---|-----------|

See location 637-638 for the allocation flag.

EDITED UNIVERSE: HRMIS = 3 or 4 and
 PEIO1COW = 6 or 7

VALID ENTRIES

1 YES
 2 NO

| | | | |
|----------|---|--|---------|
| PTNMEMPI | 2 | EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? | 938-939 |
|----------|---|--|---------|

See location 681-682 for the allocation flag.

| | | | |
|------|------|-------------|----------|
| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|

EDITED UNIVERSE: PEPDEMP1 = 1 VALID

ENTRIES

01-74 Number of employees
 75 75 or more employees
 Note that this item is topcoded at 75 employees.

| | | | |
|----------|---|---|-----------|
| PEPDEMP2 | 2 | DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? | 940 - 941 |
|----------|---|---|-----------|

See location 787-788 for the allocation flag.

EDITED UNIVERSE: HRMIS = 3 or 4 and
PEIO1COW = 6 or 7

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|----------|---|--|-----------|
| PTNMEMB2 | 2 | EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? | 942 - 943 |
|----------|---|--|-----------|

See location 789-790 for the allocation flag.

EDITED UNIVERSE: PEPDEMP1 = 1

VALID ENTRIES

01-09 Number of employees
10 10 or more employees
Note that this item is topcoded at 10 employees.

| | | | |
|---------|---|---|-----------|
| PECERT1 | 2 | DO YOU HAVE A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATE OR A STATE OR INDUSTRY LICENSE? | 944 - 945 |
|---------|---|---|-----------|

See location 950-951 for the allocation flag.

EDITED UNIVERSE: PRPERTYP = 02

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|--|-----------|
| PECERT2 | 2 | WERE ANY OF YOUR CERTIFICATIONS OR LICENSES ISSUED BY THE FEDERAL, STATE, OR LOCAL GOVERNMENT? | 946 - 947 |
|---------|---|--|-----------|

See location 952-953 for the allocation flag.

EDITED UNIVERSE: PECERT1 = 1

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|---|-----------|
| PECERT3 | 2 | IS YOUR CERTIFICATION REQUIRED FOR YOUR JOB? MAIN JOB? JOB FROM WHICH YOU ARE ON LAYOFF? JOB AT WHICH YOU LAST WORKED? | 948 - 949 |
|---------|---|---|-----------|

See location 954-955 for the allocation flag.

EDITED UNIVERSE: PECERT2 = 1

VALID ENTRIES

- 1 YES
- 2 NO

| | | | |
|---------|---|-----------------|-----------|
| PXCERT1 | 2 | ALLOCATION FLAG | 950 - 951 |
| PXCERT2 | 2 | ALLOCATION FLAG | 952 - 953 |
| PXCERT3 | 2 | ALLOCATION FLAG | 954 - 955 |

End of Basic CPS Portion of the Record

ATTACHMENT 7
Supplement Record Layout
November 2020 Current Population Survey
Voting and Registration Supplement

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|---|-----------|
| PES1 | 2 | In any election, some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 3, 2020? | 1001-1002 |

EDITED UNIVERSE:

PRTAGE >=18 and
 PRCITSHP = 1, 2, 3, or 4

VALID ENTRIES:

1 Yes
 2 No
 -1 Not in Universe
 -2 Don't Know
 -3 Refused
 -9 No Response

| | | | |
|------|---|--|-----------|
| PES2 | 2 | (Were you/Was name) registered to vote in the November 3, 2020 election? | 1003-1004 |
|------|---|--|-----------|

EDITED UNIVERSE:

PES1 = 2, -2, -3, -9

VALID ENTRIES:

1 Yes
 2 No
 -1 Not in Universe
 -2 Don't Know
 -3 Refused
 -9 No Response

PES3 2 Which of the following was the MAIN reason 1005-1006
(you/name) (were/was) not registered to vote?

EDITED UNIVERSE:

PES2 = 2

VALID ENTRIES:

- 1 Did not meet registration deadlines
- 2 Did not know where or how to register
- 3 Did not meet residency requirements/did not live here long enough
- 4 Permanent illness or disability
- 5 Concerns about the coronavirus (COVID-19) pandemic
- 6 Difficulty with English
- 7 Not interested in the election or not involved in politics
- 8 My vote would not make a difference
- 9 Not eligible to vote
- 10 Other reason
- 1 Not in Universe
- 2 Don't know
- 3 Refused
- 9 No Response

PES4 2 What was the main reason (you/name) 1007-1008
did not vote?

EDITED UNIVERSE:

PES1 = 2 and PES2 = 1

VALID ENTRIES:

- 1 Out of town or away from home
- 2 Forgot to vote (or send in absentee ballot)
- 3 Concerns about the coronavirus (COVID-19) pandemic
- 4 Illness or disability (own or family's)
- 5 Not interested, felt my vote wouldn't make a difference
- 6 Too busy, conflicting work or school schedule
- 7 Transportation problems

- 8 Didn't like candidates or campaign issues
- 9 Registration problems (i.e. didn't receive absentee ballot, not registered in current location)
- 10 Bad weather conditions
- 11 Inconvenient hours, polling place or hours or lines too long
- 12 Other
- 1 Not in Universe
- 2 Don't know
- 3 Refused
- 9 No Response

| | | | |
|------|---|---|-----------|
| PES5 | 2 | Did (you/he/she) vote in person or did (you/he/she) vote by mail? | 1009-1010 |
|------|---|---|-----------|

EDITED UNIVERSE:

PES1 = 1

VALID ENTRIES:

- 1 In person
- 2 By mail
- 1 Not in Universe
- 2 Don't know
- 3 Refused
- 9 No Response

| | | | |
|------|---|--|-----------|
| PES6 | 2 | Was that on election day or before election day? | 1011-1012 |
|------|---|--|-----------|

EDITED UNIVERSE:

PES5 = 1,2,-2,-3, -9

VALID ENTRIES:

- 1 On election day
- 2 Before election day
- 1 Not in Universe
- 2 Don't know
- 3 Refused

-9 No Response

| | | | |
|------|---|--|-----------|
| PES7 | 2 | There are various places and ways people can register to vote. The last time (you/name) registered, how did (you/name) register to vote? | 1013-1014 |
|------|---|--|-----------|

EDITED UNIVERSE:

PES1 = 1 or PES2 = 1

VALID ENTRIES:

- 1 At a department of motor vehicles (for example, when obtaining a driver's license or other identification card)
- 2 At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office)
- 3 Registered by mail
- 4 Registered using the internet or online
- 5 At a school, hospital, or on campus
- 6 Went to a town hall or county/government registration office
- 7 Filled out form at a registration drive (library, post office, or someone came to your door)
- 8 Registered at polling place (on election or primary day)
- 9 Other
- 1 Not in Universe
- 2 Don't know
- 3 Refused
- 9 No Response

| | | | |
|------|---|---|-----------|
| PRS8 | 2 | How long (have you/has name) lived at this address? | 1015-1016 |
|------|---|---|-----------|

EDITED UNIVERSE:

PRTAGE \geq 18 and PRCITSHP = 1, 2, 3, or 4

VALID ENTRIES:

- 1 Less than 1 year

- 2 1-2 years
- 3 3-4 years
- 4 5 years or longer
- 1 Not in Universe
- 2 Don't know
- 3 Refused
- 9 No Response

| | | | |
|--------|---|---|-----------|
| PUSCK4 | 2 | INTERVIEWER CHECK ITEM - Who reported for this person? | 1017-1018 |
|--------|---|---|-----------|

EDITED UNIVERSE:

PES8 = 1-6, -2,-3,-9

VALID ENTRIES:

- 1 Self
- 2 Other
- 1 Not in Universe

Attachment 8

SUPPLEMENT QUESTIONNAIRE

November 2020 Voting and Registration Supplement

SCK1 If AGE \geq 18 go to SCK2,
Else, go to next person.

SCK2 IF PRCITSHP = 1-4, go to PRESUP.
Else, go to next person.

PRESUP This month we have some questions concerning voting and registration.

S1 In any election, some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 3, 2020?

- | | |
|---------|------------|
| (1) Yes | (Go to S5) |
| (2) No | (Go to S2) |

Blind display:

- | | |
|----------------|------------|
| (D) Don't know | (Go to S2) |
| (R) Refused | (Go to S2) |
-

S2 (Were you/Was name) registered to vote in the November 3, 2020 election?

- | | |
|---------|--------------|
| (1) Yes | (Go to SCK3) |
| (2) No | (Go to S3) |

Blind display:

- | | |
|----------------|------------|
| (D) Don't know | (Go to S8) |
| (R) Refused | (Go to S8) |
-

SCK3 If S1 = 2, go to S4.
Else, go to S7.

S3 Which of the following was the MAIN reason (you/name) (was/were) not registered to vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

- (1) Did not meet registration deadlines
- (2) Did not know where or how to register
- (3) Did not meet residency requirements/did not live here long enough
- (4) Permanent illness or disability
- (5) Concerns about the coronavirus (COVID-19) pandemic
- (6) Difficulty with English
- (7) Not interested in the election or not involved in politics
- (8) My vote would not make a difference
- (9) Not eligible to vote
- (10) Other reason __

Blind display:

- (D) Don't know
- (R) Refused

(For entries 1-10, D or R, Go to S8)

S4 What was the main reason (you/name) did not vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

- (1) Out of town or away from home
- (2) Forgot to vote (or send in absentee ballot)
- (3) Concerns about the coronavirus (COVID-19) pandemic
- (4) Illness or disability (own or family's)
- (5) Not interested, felt my vote wouldn't make a difference
- (6) Too busy, conflicting work or school schedule
- (7) Transportation problems
- (8) Didn't like candidates or campaign issues
- (9) Registration problems (i.e. didn't receive absentee ballot, not registered in current location)
- (10) Bad weather conditions
- (11) Inconvenient hours, polling place or hours or lines too long
- (12) Other _____

Blind display:

- (D) Don't know
- (R) Refused

(For entries 1-12, D or R, Go to S7)

S5 Did (you/he/she) vote in person or did (you/he/she) vote by mail?

(1) In person (Go to S6)

(2) By mail (Go to S6)

Blind display:

(D) Don't know (Go to S6)

(R) Refused (Go to S6)

S6 Was that on election day or before election day?

(1) On election day (Go to S7)

(2) Before election day (Go to S7)

Blind display:

(D) Don't know (Go to S7)

(R) Refused (Go to S7)

S7 There are various places and ways people can register to vote.
The last time (you/name) registered, how did (you/name) register to vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

(1) At a department of motor vehicles (for example, when obtaining a driver's license or other identification card)

(2) At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office)

(3) Registered by mail

(4) Registered using the internet or online

(5) At a school, hospital, or on campus

(6) Went to a town hall or county/government registration office

(7) Filled out form at a registration drive (library, post office, or someone came to your door)

(8) Registered at polling place (on election or primary day)

(9) Other _____

Blind display:

(D) Don't know

(R) Refused

(For entries 1-8, D, or R, skip to S8)

S8 How long (have you/has name) lived at this address?

- (1) Less than 1 month
- (2) 1-6 months
- (3) 7-11 months
- (4) 1-2 years
- (5) 3-4 years
- (6) 5 years or longer

Blind display:

- (D) Don't know
- (R) Refused

SCK4 *** DO NOT READ TO RESPONDENT ***

Who reported for this person?

- (1) Self
- (2) Other

(Go to next person; else, end supplement.)

ATTACHMENT 9

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit) (Starting January 2014)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-12 of this attachment). The codes in the right hand column are the NAICS equivalent.

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND and INDUSTRY, in positions 168-171 and 292-295 of the Person record.

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|--|---|-----------------|
| Agriculture, Forestry, Fishing, and Hunting | | |
| 0170 | Crop production | 111 |
| 0180 | Animal production | 112 |
| 0190 | Forestry except logging | 1131, 1132 |
| 0270 | Logging | 1133 |
| 0280 | Fishing, hunting, and trapping | 114 |
| 0290 | Support activities for agriculture and forestry | 115 |
| Mining | | |
| 0370 | Oil and gas extraction | 211 |
| 0380 | Coal mining | 2121 |
| 0390 | Metal ore mining | 2122 |
| 0470 | Nonmetallic mineral mining and quarrying and not specified type of mining | Part of 21 |
| 0490 | Support activities for mining | 213 |
| Utilities | | |
| 0570 | Electric power generation, transmission and distribution | Pt. 2211 |
| 0580 | Natural gas distribution | Pt. 2212 |
| 0590 | Electric and gas, and other combinations | Pts. 2211, 2212 |
| 0670 | Water, steam, air-conditioning, and irrigation systems | 22131, 22133 |
| 0680 | Sewage treatment facilities | 22132 |
| 0690 | Not specified utilities | Part of 22 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|--|------------------------|
| | Construction | |
| 0770 | ** Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction) | 23 |
| | Manufacturing | |
| | Nondurable Goods manufacturing | |
| 1070 | Animal food, grain and oilseed milling | 3111, 3112 |
| 1080 | Sugar and confectionery products | 3113 |
| 1090 | Fruit and vegetable preserving and specialty food manufacturing | 3114 |
| 1170 | Dairy product manufacturing | 3115 |
| 1180 | Animal slaughtering and processing | 3116 |
| 1190 | Retail bakeries | 311811 |
| 1270 | Bakeries, except retail | 3118 exc. 311811 |
| 1280 | Seafood and other miscellaneous foods, n.e.c. | 3117, 3119 |
| 1290 | Not specified food industries | Part of 311 |
| 1370 | Beverage manufacturing | 3121 |
| 1390 | Tobacco manufacturing | 3122 |
| 1470 | Fiber, yarn, and thread mills | 3131 |
| 1480 | Fabric mills, except knitting | 3132 exc. 31324 |
| 1490 | Textile and fabric finishing and coating mills | 3133 |
| 1570 | Carpet and rug mills | 31411 |
| 1590 | Textile product mills, except carpets and rugs | 314 exc. 31411 |
| 1670 | Knitting mills | 31324, 3151 |
| 1680 | Cut and sew apparel manufacturing | 3152 |
| 1690 | Apparel accessories and other apparel manufacturing | 3159 |
| 1770 | Footwear manufacturing | 3162 |
| 1790 | Leather tanning and products, except footwear manufacturing | 3161, 3169 |
| 1870 | Pulp, paper, and paperboard mills | 3221 |
| 1880 | Paperboard containers and boxes | 32221 |
| 1890 | Miscellaneous paper and pulp products | 32222, 32223, 32229 |
| 1990 | Printing and related support activities | 3231 |
| 2070 | Petroleum refining | 32411 |
| 2090 | Miscellaneous petroleum and coal products | 32419 |
| 2170 | Resin, synthetic rubber and fibers, and filaments manufacturing | 3252 |
| 2180 | Agricultural chemical manufacturing | 3253 |
| 2190 | Pharmaceutical and medicine manufacturing | 3254 |
| 2270 | Paint, coating, and adhesive manufacturing B46 | 3255 |
| 2280 | Soap, cleaning compound, and cosmetics manufacturing | 3256 |
| 2290 | Industrial and miscellaneous chemicals | 3251, 3259 |
| 2370 | Plastics product manufacturing | 3261 |
| 2380 | Tire manufacturing | 32621 |
| 2390 | Rubber products, except tires, manufacturing | 32622, 32629 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|------------------------------------|--|---|
| Durable Goods Manufacturing | | |
| 2470 | Pottery, ceramics, and related products manufacturing | 32711 |
| 2480 | Structural clay product manufacturing | 32712 |
| 2490 | Glass and glass product manufacturing | 3272 |
| 2570 | Cement, concrete, lime, and gypsum product manufacturing | 3273, 3274 |
| 2590 | Miscellaneous nonmetallic mineral product manufacturing | 3279 |
| 2670 | Iron and steel mills and steel product manufacturing | 3311, 3312 |
| 2680 | Aluminum production and processing | 3313 |
| 2690 | Nonferrous metal, except aluminum, production and processing | 3314 |
| 2770 | Foundries | 3315 |
| 2780 | Metal forgings and stampings | 3321 |
| 2790 | Cutlery and hand tool manufacturing | 3322 |
| 2870 | Structural metals, and tank and shipping container manufacturing | 3323, 3324 |
| 2880 | Machine shops; turned product; screw, nut and bolt manufacturing | 3327 |
| 2890 | Coating, engraving, heat treating and allied activities | 3328 |
| 2970 | Ordnance | 332992 to 332995 |
| 2980 | Miscellaneous fabricated metal products manufacturing | 3325, 3326, 3329 exc. 332992, 332993, 332994, 332995 |
| 2990 | Not specified metal industries | Part of 331 and 332 |
| 3070 | Agricultural implement manufacturing | 33311 |
| 3080 | Construction, mining and oil field machinery manufacturing | 33312, 33313 |
| 3095 | Commercial and service industry machinery manufacturing | 3333 |
| 3170 | Metalworking machinery manufacturing | 3335 |
| 3180 | Engines, turbines, and power transmission equipment manufacturing | 3336 |
| 3190 | Machinery manufacturing, n.e.c. | Part of 333 |
| 3365 | Computer and peripheral equipment manufacturing | 3341 |
| 3370 | Communications, audio, and video equipment manufacturing | 3342, 3343 |
| 3380 | Navigational, measuring, electromedical, and control instruments manufacturing | 3345 |
| 3390 | Electronic component and product manufacturing, n.e.c. | 3344, 3346 |
| 3470 | Household appliance manufacturing | 3352 |
| 3490 | Electrical lighting, equipment, and supplies manufacturing, n.e.c. | 3351, 3353, 3359 |
| 3570 | Motor vehicles and motor vehicle equipment manufacturing | 3361, 3362, 3363 |
| 3580 | Aircraft and parts manufacturing | 336411 to 336413 |
| 3590 | Aerospace products and parts manufacturing | 336414, 336415, 336419 |
| 3670 | Railroad rolling stock manufacturing | 3365 |
| 3680 | Ship and boat building | 3366 |
| 3690 | Other transportation equipment manufacturing | 3369 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|---|-----------------------------|
| 3770 | Sawmills and wood preservation | 3211 |
| 3780 | Veneer, plywood, and engineered wood products | 3212 |
| 3790 | Prefabricated wood buildings and mobile homes | 321991, 321992 |
| 3875 | Miscellaneous wood products | 3219 exc. 321991, 321992 |
| 3895 | Furniture and related product manufacturing | 337 |
| 3960 | Medical equipment and supplies manufacturing | 3391 |
| 3970 | Toys, amusement, and sporting goods manufacturing | 33992, 33993 |
| 3980 | Miscellaneous manufacturing, n.e.c. | 3399 exc. 33992, 33993 |
| 3990 | Not specified manufacturing industries | Part of 31, 32, 33 |

Wholesale Trade

Durable Goods Wholesale

| | | |
|------|--|--------------------|
| 4070 | Motor vehicles, parts and supplies, merchant wholesalers | 4231 |
| 4080 | Furniture and home furnishing, merchant wholesalers | 4232 |
| 4090 | Lumber and other construction materials, merchant wholesalers | 4233 |
| 4170 | Professional and commercial equipment and supplies, merchant wholesalers | 4234 |
| 4180 | Metals and minerals, except petroleum, merchant wholesalers | 4235 |
| 4195 | Electrical goods, merchant wholesalers | 4236 |
| 4265 | Hardware, plumbing and heating equipment, and supplies, merchant wholesalers | 4237 |
| 4270 | Machinery, equipment, and supplies, merchant wholesalers | 4238 |
| 4280 | Recyclable material, merchant wholesalers | 42393 |
| 4290 | Miscellaneous durable goods, merchant wholesalers | 4239 exc. 42393 |

Nondurable Goods Wholesale

| | | |
|------|---|--------------------|
| 4370 | Paper and paper products, merchant wholesalers | 4241 |
| 4380 | Drugs, sundries, and chemical and allied products, merchant wholesalers | 4242, 4246 |
| 4390 | Apparel, fabrics, and notions, merchant wholesalers | 4243 |
| 4470 | Groceries and related products, merchant wholesalers | 4244 |
| 4480 | Farm product raw materials, merchant wholesalers | 4245 |
| 4490 | Petroleum and petroleum products, merchant wholesalers | 4247 |
| 4560 | Alcoholic beverages, merchant wholesalers | 4248 |
| 4570 | Farm supplies, merchant wholesalers | 42491 |
| 4580 | Miscellaneous nondurable goods, merchant wholesalers | 4249 exc. 42491 |
| 4585 | Wholesale electronic markets, agents and brokers | 4251 |
| 4590 | Not specified wholesale trade | Part of 42 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|---------------------|--|-------------------------|
| Retail Trade | | |
| 4670 | Automobile dealers | 4411 |
| 4680 | Other motor vehicle dealers | 4412 |
| 4690 | Auto parts, accessories, and tire stores | 4413 |
| 4770 | Furniture and home furnishings stores | 442 |
| 4780 | Household appliance stores | 443111 |
| 4795 | Radio, TV, and computer stores | 443112, 44312 |
| 4870 | Building material and supplies dealers | 4441 exc. 44413 |
| 4880 | Hardware stores | 44413 |
| 4890 | Lawn and garden equipment and supplies stores | 4442 |
| 4970 | Grocery stores | 4451 |
| 4980 | Specialty food stores | 4452 |
| 4990 | Beer, wine, and liquor stores | 4453 |
| 5070 | Pharmacies and drug stores | 4461 |
| 5080 | Health and personal care, except drug, stores | 446 exc. 44611 |
| 5090 | Gasoline stations | 447 |
| 5170 | Clothing and accessories, except shoe, stores | 448 exc. 44821, 4483 |
| 5180 | Shoe stores | 44821 |
| 5190 | Jewelry, luggage, and leather goods stores | 4483 |
| 5275 | Sporting goods, camera, and hobby and toy stores | 44313, 45111, 45112 |
| 5280 | Sewing, needlework, and piece goods stores | 45113 |
| 5295 | Music stores | 45114, 45122 |
| 5370 | Book stores and news dealers | 45121 |
| 5380 | Department stores and discount stores | 45211 |
| 5390 | Miscellaneous general merchandise stores | 4529 |
| 5470 | Retail florists | 4531 |
| 5480 | Office supplies and stationery stores | 45321 |
| 5490 | Used merchandise stores | 4533 |
| 5570 | Gift, novelty, and souvenir shops | 45322 |
| 5580 | Miscellaneous retail stores | 4539 |
| 5590 | Electronic shopping | 454111 |
| 5591 | Electronic auctions | 454112 |
| 5592 | Mail order houses | 454113 |
| 5670 | Vending machine operators | 4542 |
| 5680 | Fuel dealers | 45431 |
| 5690 | Other direct selling establishments | 45439 |
| 5790 | Not specified retail trade | Part of 44, 45 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|------------------------------------|
| Transportation and Warehousing | | |
| 6070 | Air transportation | 481 |
| 6080 | Rail transportation | 482 |
| 6090 | Water transportation | 483 |
| 6170 | Truck transportation | 484 |
| 6180 | Bus service and urban transit | 4851, 4852, 4854, 4855, 4859 |
| 6190 | Taxi and limousine service | 4853 |
| 6270 | Pipeline transportation | 486 |
| 6280 | Scenic and sightseeing transportation | 487 |
| 6290 | Services incidental to transportation | 488 |
| 6370 | Postal Service | 491 |
| 6380 | Couriers and messengers | 492 |
| 6390 | Warehousing and storage | 493 |
| Information | | |
| 6470 | Newspaper publishers | 51111 |
| 6480 | Publishing, except newspapers and software | 5111 exc. 51111 |
| 6490 | Software publishing | 5112 |
| 6570 | Motion pictures and video industries | 5121 |
| 6590 | Sound recording industries | 5122 |
| 6670 | Radio and television broadcasting and cable | 515 |
| 6672 | Internet Publishing and Broadcasting | 51913 |
| 6680 | Wired telecommunications carriers | 5171 |
| 6690 | Other telecommunications services | 517 exc. 5171 |
| 6695 | Data processing, hosting, and related services | 518 |
| 6770 | Libraries and archives | 51912 |
| 6780 | Other information services | 5191 exc. 51912, 51913 |
| <i>Finance, Insurance, Real Estate, and Rental and Leasing</i> | | |
| Finance and Insurance | | |
| 6870 | Banking and related activities | 521, 52211, 52219 |
| 6880 | Savings institutions, including credit unions | 52212, 52213 |
| 6890 | Non-depository credit and related activities | 5222, 5223 |
| 6970 | Securities, commodities, funds, trusts, and other financial investments | 523, 525 |
| 6990 | Insurance carriers and related activities | 524 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|--|------------------------------|
| Real Estate and Rental and Leasing | | |
| 7070 | Real estate | 531 |
| 7080 | Automotive equipment rental and leasing | 5321 |
| 7170 | Video tape and disk rental | 53223 |
| 7180 | Other consumer goods rental | 53221, 53222, 53229, 5323 |
| 7190 | Commercial, industrial, and other intangible assets rental and leasing | 5324, 533 |
| <i>Professional, Scientific, Management, Administrative, and Waste management services</i> | | |
| Professional, Scientific, and Technical Services | | |
| 7270 | Legal services | 5411 |
| 7280 | Accounting, tax preparation, bookkeeping, and payroll services | 5412 |
| 7290 | Architectural, engineering, and related services | 5413 |
| 7370 | Specialized design services | 5414 |
| 7380 | Computer systems design and related services | 5415 |
| 7390 | Management, scientific, and technical consulting services | 5416 |
| 7460 | Scientific research and development services | 5417 |
| 7470 | Advertising and related services | 5418 |
| 7480 | Veterinary services | 54194 |
| 7490 | Other professional, scientific, and technical services | 5419 exc. 54194 |
| Management, Administrative and Support, and Waste Management Services | | |
| <i>Management of companies and enterprises</i> | | |
| 7570 | Management of companies and enterprises | 551 |
| <i>Administrative and support and waste management services</i> | | |
| 7580 | Employment services | 5613 |
| 7590 | Business support services | 5614 |
| 7670 | Travel arrangements and reservation services | 5615 |
| 7680 | Investigation and security services | 5616 |
| 7690 | Services to buildings and dwellings | 5617 exc. 56173 |
| | (except cleaning during construction and immediately after construction) | 7770 |
| 7770 | Landscaping services | 56173 |
| 7780 | Other administrative and other support services | 5611, 5612, 5619 |
| 7790 | Waste management and remediation services | 562 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|-------------|---------------|
|------|-------------|---------------|

Educational, Health and Social Services

Educational Services

| | | |
|------|--|------------|
| 7860 | Elementary and secondary schools | 6111 |
| 7870 | Colleges and universities, including junior colleges | 6112, 6113 |
| 7880 | Business, technical, and trade schools and training | 6114, 6115 |
| 7890 | Other schools, instruction, and educational services | 6116, 6117 |

Health Care and Social Assistance

| | | |
|------|--|---------------------------|
| 7970 | Offices of physicians | 6211 |
| 7980 | Offices of dentists | 6212 |
| 7990 | Offices of chiropractors | 62131 |
| 8070 | Offices of optometrists | 62132 |
| 8080 | Offices of other health practitioners | 6213 exc. 62131, 62132 |
| 8090 | Outpatient care centers | 6214 |
| 8170 | Home health care services | 6216 |
| 8180 | Other health care services | 6215, 6219 |
| 8190 | Hospitals | 622 |
| 8270 | Nursing care facilities | 6231 |
| 8290 | Residential care facilities, without nursing | 6232, 6233, 6239 |
| 8370 | Individual and family services | 6241 |
| 8380 | Community food and housing, and emergency services | 6242 |
| 8390 | Vocational rehabilitation services | 6243 |
| 8470 | Child day care services | 6244 |

Arts, Entertainment, Recreation, Accommodation, and Food Services

Arts, Entertainment, and Recreation

| | | |
|------|--|-------------------|
| 8560 | Independent artists, performing arts, spectator sports, and related industries | 711 |
| 8570 | Museums, art galleries, historical sites, and similar institutions | 712 |
| 8580 | Bowling centers | 71395 |
| 8590 | Other amusement, gambling, and recreation industries | 713 exc. 71395 |

Accommodation and Food Service

| | | |
|------|---|---------------|
| 8660 | Traveler accommodation | 7211 |
| 8670 | Recreational vehicle parks and camps, and rooming and boarding houses | 7212, 7213 |
| 8680 | Restaurants and other food services | 722 exc. 7224 |
| 8690 | Drinking places, alcoholic beverages | 7224 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|--|---|-----------------------------------|
| Other Services (Except Public Administration) | | |
| 8770 | Automotive repair and maintenance | 8111 exc. 811192 |
| 8780 | Car washes | 811192 |
| 8790 | Electronic and precision equipment repair and maintenance | 8112 |
| 8870 | Commercial and industrial machinery and equipment repair and maintenance | 8113 |
| 8880 | Personal and household goods repair and maintenance and footwear and leather goods repair | 8114 |
| 8970 | Barber shops | 812111 |
| 8980 | Beauty salons | 812112 |
| 8990 | Nail salons and other personal care services | 812113, 81219 |
| 9070 | Dry cleaning and laundry services | 8123 |
| 9080 | Funeral homes, cemeteries, and crematories | 8122 |
| 9090 | Other personal services | 8129 |
| 9160 | Religious organizations | 8131 |
| 9170 | Civic, social, advocacy organizations, and grant making and giving services | 8132, 8133, 8134 |
| 9180 | Labor unions | 81393 |
| 9190 | Business, professional, political, and similar organizations | 8139 exc. 81393 |
| 9290 | Private households | 814 |
| Public Administration | | |
| 9370 | Executive offices and legislative bodies | 92111, 92112, 92114, pt. 92115 |
| 9380 | Public finance activities | 92113 |
| 9390 | Other general government and support | 92119 |
| 9470 | Justice, public order, and safety activities | 922, pt. 92115 |
| 9480 | Administration of human resource programs | 923 |
| 9490 | Administration of environmental quality and housing programs | 924, 925 |
| 9570 | Administration of economic programs and space research | 926, 927 |
| 9590 | National security and international affairs | 925 |
| Armed Forces | | |
| 9890 | Armed Forces | 9281 |

Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 209-210.

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|---|-------------------|
| 1 | Agriculture | 0170 - 0180, 0290 |
| 2 | Forestry, logging, fishing, hunting, and trapping | 0190 - 0280 |
| 3 | Mining | 0370 - 0490 |
| 4 | Construction | 0770 |
| 5 | Nonmetallic mineral products | 2470 - 2590 |
| 6 | Primary metals and fabricated metal products | 2670 - 2990 |
| 7 | Machinery manufacturing | 3070 - 3290 |
| 8 | Computer and electronic products | 3365 - 3390 |
| 9 | Electrical equipment, appliance manufacturing | 3470, 3490 |
| 10 | Transportation equipment manufacturing | 3570 - 3690 |
| 11 | Wood products | 3770 - 3875 |
| 12 | Furniture and fixtures manufacturing | 3895 |
| 13 | Miscellaneous and not specified manufacturing | 3960 - 3990 |
| 14 | Food manufacturing | 1070 - 1290 |
| 15 | Beverage and tobacco products | 1370, 1390 |
| 16 | Textile, apparel, and leather manufacturing | 1470 - 1790 |
| 17 | Paper and printing | 1870 - 1990 |
| 18 | Petroleum and coal products | 2070, 2090 |
| 19 | Chemical manufacturing | 2170 - 2290 |
| 20 | Plastics and rubber products | 2370 - 2390 |
| 21 | Wholesale trade | 4070 - 4590 |
| 22 | Retail trade | 4670 - 5790 |
| 23 | Transportation and warehousing | 6070 - 6390 |
| 24 | Utilities | 0570 - 0690 |
| 25 | Publishing industries (except internet) | 6470 - 6490 |
| 26 | Motion picture and sound recording industries | 6570, 6590 |
| 27 | Broadcasting (except internet) | 6670 |
| 28 | Internet publishing and broadcasting | 6675 |
| 29 | Telecommunications | 6680, 6690 |
| 30 | Internet service providers and data processing services | 6692, 6695 |
| 31 | Other information services | 6770, 6780 |
| 32 | Finance | 6870 - 6970 |
| 33 | Insurance | 6990 |
| 34 | Real estate | 7070 |
| 35 | Rental and leasing services | 7080 - 7190 |
| 36 | Professional and technical services | 7270 - 7490 |
| 37 | Management of companies and enterprises | 7570 |
| 38 | Administrative and support services | 7580 - 7780 |
| 39 | Waste management and remediation services | 7790 |
| 40 | Educational services | 7860 - 7890 |
| 41 | Hospitals | 8190 |
| 42 | Health care services, except hospitals | 7970 - 8180 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|-------------|---|----------------------|
| 43 | Social assistance | 8370 - 8470 |
| 44 | Arts, entertainment, and recreation | 8560 - 8590 |
| 45 | Accommodation | 8660, 8670 |
| 46 | Food services and drinking places | 8680, 8690 |
| 47 | Repair and maintenance | 8770 - 8890 |
| 48 | Personal and laundry services | 8970 - 9090 |
| 49 | Membership associations and organizations | 9160 - 9190 |
| 50 | Private households | 9290 |
| 51 | Public administration | 9370 - 9590 |
| 52 | Armed forces | 9890 |

Major Industry Recodes (01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|---|------------------|
| 1 | Agriculture, forestry, fishing, and hunting | 0170-0290 |
| 2 | Mining | 0370-0490 |
| 3 | Construction | 0770 |
| 4 | Manufacturing | 1070-3990 |
| 5 | Wholesale and retail trade | 4070-5790 |
| 6 | Transportation and utilities | 6070-6390, 0570- |
| 7 | Information | 6470-6780 |
| 8 | Financial activities | 6870-7190 |
| 9 | Professional and business services | 7270-7790 |
| 10 | Educational and health services | 7860-8470 |
| 11 | Leisure and hospitality | 8560-8690 |
| 12 | Other services | 8770-9290 |
| 13 | Public administration | 9370-9590 |
| 14 | Armed Forces | 9890 |

APPENDIX 10

OCCUPATION CLASSIFICATION

(Beginning May 2012)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-13 and 10-14). The codes in the right hand column are the 2010 SOC equivalent.

These codes correspond to items PTIO1OCD and PTIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP located in positions 172-172 and 296-299 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

| 2010 CENSUS CODE | DESCRIPTION | 2010 SOC CODE |
|-------------------------------|---|---------------------|
| Management Occupations | | |
| 0010 | Chief executives | 11-1011 |
| 0020 | General and operations managers | 11-1021 |
| 0040 | Advertising and promotions managers | 11-2011 |
| 0050 | Marketing and sales managers | 11-2020 |
| 0060 | Public relations managers | 11-2031 |
| 0100 | Administrative services managers | 11-3011 |
| 0110 | Computer and information systems managers | 11-3021 |
| 0120 | Financial managers | 11-3031 |
| 0135 | Compensation and benefits managers | 11-3111 |
| 0136 | Human resources managers | 11-3121 |
| 0137 | Training and development managers | 11-3131 |
| 0140 | Industrial production managers | 11-3051 |
| 0150 | Purchasing managers | 11-3061 |
| 0160 | Transportation, storage, and distribution managers | 11-3071 |
| 0205 | Farmers, ranchers, and other agricultural managers | 11-9013 |
| 0220 | Construction managers | 11-9021 |
| 0230 | Education administrators | 11-9030 |
| 0300 | Engineering managers | 11-9041 |
| 0310 | Food service managers | 11-9051 |
| 0330 | Gaming managers | 11-9071 |
| 0340 | Lodging managers | 11-9081 |
| 0350 | Medical and health services managers | 11-9111 |
| 0360 | Natural sciences managers | 11-9121 |
| 0410 | Property, real estate, and community association managers | 11-9141 |
| 0420 | Social and community service managers | 11-9151 |
| 0425 | Emergency management directors | 11-9161 |

**2010
CENSUS
CODE DESCRIPTION**

**2010
SOC
CODE**

0430 Managers, all other

11-XXXX

Business and Financial Operations Occupations

Business Operations Specialists

| | | |
|------|---|---------|
| 0500 | Agents and business managers of artists, performers, and athletes | 13-1011 |
| 0510 | Purchasing agents and buyers, farm products | 13-1021 |
| 0520 | Wholesale and retail buyers, except farm products | 13-1022 |
| 0530 | Purchasing agents, except wholesale, retail, and farm products | 13-1023 |
| 0540 | Claims adjusters, appraisers, examiners, and investigators | 13-1030 |
| 0565 | Compliance officers | 13-1041 |
| 0600 | Cost estimators | 13-1051 |
| 0630 | Human resource workers | 13-1070 |
| 0640 | Compensation, benefits, and job analysis specialists | 13-1141 |
| 0650 | Training and development specialists | 13-1151 |
| 0700 | Logisticians | 13-1081 |
| 0710 | Management analysts | 13-1111 |
| 0725 | Meeting, convention, and event planners | 13-1121 |
| 0726 | Fundraisers | 13-1131 |
| 0735 | Market research analysts and marketing specialists | 13-1161 |
| 0740 | Business operations specialists, all other | 13-1199 |

Financial Specialists

| | | |
|------|---|---------|
| 0800 | Accountants and auditors | 13-2011 |
| 0810 | Appraisers and assessors of real estate | 13-2021 |
| 0820 | Budget analysts | 13-2031 |
| 0830 | Credit analysts | 13-2041 |
| 0840 | Financial analysts | 13-2051 |
| 0850 | Personal financial advisors | 13-2052 |
| 0860 | Insurance underwriters | 13-2053 |
| 0900 | Financial examiners | 13-2061 |
| 0910 | Loan counselors and officers | 13-2070 |
| 0930 | Tax examiners, collectors, and revenue agents | 13-2081 |
| 0940 | Tax preparers | 13-2082 |
| 0950 | Financial specialists, all other | 13-2099 |

Computer and Mathematical Occupations

| | | |
|------|--|---------|
| 1005 | Computer and information research scientists | 15-1111 |
| 1006 | Computer systems analysts | 15-1121 |
| 1007 | Information security analysts | 15-1122 |
| 1010 | Computer programmers | 15-1131 |
| 1020 | Software developers, applications and systems software | 15-113X |
| 1030 | Web developers | 15-1134 |
| 1050 | Computer support specialists | 15-1150 |
| 1060 | Database administrators | 15-1141 |
| 1105 | Network and computer systems administrators | 15-1142 |
| 1106 | Computer network architects | 15-1143 |

| | | |
|------|--|---------|
| 1107 | Computer occupations, all other | 15-1199 |
| 1200 | Actuaries | 15-2011 |
| 1220 | Operations research analysts | 15-20XX |
| 1240 | Mathematicians, statisticians and miscellaneous mathematical science occupations | |

Architecture and Engineering Occupations

| | | |
|------|--|---------|
| 1300 | Architects, except naval | 17-1010 |
| 1310 | Surveyors, cartographers, and photogrammetrists | 17-1020 |
| 1320 | Aerospace engineers | 17-2011 |
| 1340 | Agricultural and biomedical engineers | 17-20XX |
| 1350 | Chemical engineers | 17-2041 |
| 1360 | Civil engineers | 17-2051 |
| 1400 | Computer hardware engineers | 17-2061 |
| 1410 | Electrical and electronic engineers | 17-2070 |
| 1420 | Environmental engineers | 17-2081 |
| 1430 | Industrial engineers, including health and safety | 17-2110 |
| 1440 | Marine engineers and naval architects | 17-2121 |
| 1450 | Materials engineers | 17-2131 |
| 1460 | Mechanical engineers | 17-2141 |
| 1500 | Mining and geological engineers, including mining safety engineers | 17-2151 |
| 1510 | Nuclear engineers | 17-2161 |
| 1520 | Petroleum engineers | 17-2171 |
| 1530 | Engineers, all other | 17-2199 |
| 1540 | Drafters | 17-3010 |
| 1550 | Engineering technicians, except drafters | 17-3020 |
| 1560 | Surveying and mapping technicians | 17-3031 |

Life, Physical, and Social Science Occupations

| | | |
|------|--|---------|
| 1600 | Agricultural and food scientists | 19-1010 |
| 1610 | Biological scientists | 19-1020 |
| 1640 | Conservation scientists and foresters | 19-1030 |
| 1650 | Medical scientists and life scientists, all other | 19-10XX |
| 1700 | Astronomers and physicists | 19-2010 |
| 1710 | Atmospheric and space scientists | 19-2021 |
| 1720 | Chemists and materials scientists | 19-2030 |
| 1740 | Environmental scientists and geoscientists | 19-2040 |
| 1760 | Physical scientists, all other | 19-2099 |
| 1800 | Economists | 19-3011 |
| 1820 | Psychologists | 19-3030 |
| 1840 | Urban and regional planners | 19-3051 |
| 1860 | Miscellaneous social scientists, including survey researchers and sociologists | 19-30XX |
| 1900 | Agricultural and food science technicians | 19-4011 |
| 1910 | Biological technicians | 19-4021 |
| 1920 | Chemical technicians | 19-4031 |
| 1930 | Geological and petroleum technicians | 19-4041 |
| 1965 | Miscellaneous life, physical, and social science technicians | |

Community and Social Services Occupations

| | | |
|------|--|---------|
| 2000 | Counselors | 21-1010 |
| 2010 | Social workers | 21-1020 |
| 2015 | Probation officers and correctional treatment specialists | 21-1092 |
| 2016 | Social and human service assistants | 21-1093 |
| 2025 | Miscellaneous community and social service specialists, including health educators and community health workers | 21-109X |
| 2040 | Clergy | 21-2011 |
| 2050 | Directors, religious activities and education | 21-2021 |
| 2060 | Religious workers, all other | 21-2099 |

Legal Occupations

| | | |
|------|--|---------|
| 2100 | Lawyers, Judges, magistrates, and other judicial workers | 23-1011 |
| | | 23-1020 |
| 2105 | Judicial law clerks | 23-1012 |
| 2145 | Paralegals and legal assistants | 23-2011 |
| 2160 | Miscellaneous legal support workers | 23-2090 |

Education, Training, and Library Occupations

| | | |
|------|--|---------|
| 2200 | Postsecondary teachers | 25-1000 |
| 2300 | Preschool and kindergarten teachers | 25-2010 |
| 2310 | Elementary and middle school teachers | 25-2020 |
| 2320 | Secondary school teachers | 25-2050 |
| 2330 | Special education teachers | 25-2040 |
| 2340 | Other teachers and instructors | 25-3000 |
| 2400 | Archivists, curators, and museum technicians | 25-4010 |
| 2430 | Librarians | 25-4021 |
| 2440 | Library technicians | 25-4031 |
| 2540 | Teacher assistants | 25-9041 |
| 2550 | Other education, training, and library workers | 25-90XX |

Arts, Design, Entertainment, Sports, and Media Occupations

| | | |
|------|--|---------|
| 2600 | Artists and related workers | 27-1010 |
| 2630 | Designers | 27-1020 |
| 2700 | Actors | 27-2011 |
| 2710 | Producers and directors | 27-2012 |
| 2720 | Athletes, coaches, umpires, and related workers | 27-2020 |
| 2740 | Dancers and choreographers | 27-2030 |
| 2750 | Musicians, singers, and related workers | 27-2040 |
| 2760 | Entertainers and performers, sports and related workers, all other | 27-2099 |
| 2800 | Announcers | 27-3010 |
| 2810 | News analysts, reporters and correspondents | 27-3020 |
| 2825 | Public relations specialists | 27-3031 |
| 2830 | Editors | 27-3041 |
| 2840 | Technical writers | 27-3042 |
| 2850 | Writers and authors | 27-3043 |

| | | |
|------|---|---------|
| 2860 | Miscellaneous media and communication workers | 27-3090 |
| 2900 | Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers, all other | 27-40XX |
| 2910 | Photographers | 27-4021 |
| 2920 | Television, video, and motion picture camera operators and editors | 27-4030 |

Healthcare Practitioners and Technical Occupations

| | | |
|------|---|---------|
| 3000 | Chiropractors | 29-1011 |
| 3010 | Dentists | 29-1020 |
| 3030 | Dietitians and nutritionists | 29-1031 |
| 3040 | Optometrists | 29-1041 |
| 3050 | Pharmacists | 29-1051 |
| 3060 | Physicians and surgeons | 29-1060 |
| 3110 | Physician assistants | 29-1071 |
| 3140 | Audiologists | 29-1181 |
| 3150 | Occupational therapists | 29-1122 |
| 3160 | Physical therapists | 29-1123 |
| 3200 | Radiation therapists | 29-1124 |
| 3210 | Recreational therapists | 29-1125 |
| 3220 | Respiratory therapists | 29-1126 |
| 3230 | Speech-language pathologists | 29-1127 |
| 3245 | Exercise physiologists and therapists, all other | 29-112X |
| 3250 | Veterinarians | 29-1131 |
| 3255 | Registered nurses | 29-1141 |
| 3256 | Nurse anesthetists | 29-1151 |
| 3258 | Nurse midwives and nurse practitioners | 29-11XX |
| 3260 | Health diagnosing and treating practitioners, all other | 29-1199 |
| 3300 | Clinical laboratory technologists and technicians | 29-2010 |
| 3310 | Dental hygienists | 29-2021 |
| 3320 | Diagnostic related technologists and technicians | 29-2030 |
| 3400 | Emergency medical technicians and paramedics | 29-2041 |
| 3420 | Health diagnosing and treating practitioner support technicians | 29-2050 |
| 3500 | Licensed practical and licensed vocational nurses | 29-2061 |
| 3510 | Medical records and health information technicians | 29-2071 |
| 3520 | Opticians, dispensing | 29-2081 |
| 3535 | Miscellaneous health technologists and technicians | 29-2090 |
| 3540 | Other healthcare practitioners and technical occupations, including podiatrists | 29-XXXX |

Healthcare Support Occupations

| | | |
|------|--|---------|
| 3600 | Nursing, psychiatric, and home health aides | 31-1010 |
| 3610 | Occupational therapist assistants and aides | 31-2010 |
| 3620 | Physical therapist assistants and aides | 31-2020 |
| 3630 | Massage therapists | 31-9011 |
| 3640 | Dental assistants | 31-9091 |
| 3645 | Medical assistants | 31-9092 |
| 3646 | Medical transcriptionists | 31-9094 |
| 3647 | Pharmacy aides | 31-9095 |
| 3648 | Veterinary assistants and laboratory animal caretakers | 31-9096 |
| 3649 | Phlebotomists | 31-9097 |

**2010
CENSUS
CODE DESCRIPTION**

**2010
SOC
CODE**

| | | |
|------|---|---------|
| 3655 | Miscellaneous healthcare support occupations, including medical equipment preparers | 31-909X |
|------|---|---------|

Protective Service Occupations

| | | |
|------|--|---------|
| 3700 | First-line supervisors/managers of correctional officers | 33-1011 |
| 3710 | First-line supervisors/managers of police and detectives | 33-1012 |
| 3720 | First-line supervisors/managers of fire fighting and prevention workers | 33-1021 |
| 3730 | Supervisors, protective service workers, all other | 33-1099 |
| 3740 | Fire fighters | 33-2011 |
| 3750 | Fire inspectors | 33-2020 |
| 3800 | Bailiffs, correctional officers, and jailers | 33-3010 |
| 3820 | Detectives and criminal investigators | 33-3021 |
| 3840 | Miscellaneous law enforcement workers | 33-30XX |
| 3850 | Police officers | 33-3050 |
| 3900 | Animal control workers | 33-9011 |
| 3910 | Private detectives and investigators | 33-9021 |
| 3930 | Security guards and gaming surveillance officers | 33-9030 |
| 3940 | Crossing guards | 33-9091 |
| 3945 | Transportation security screeners | 33-9093 |
| 3955 | Lifeguards and other recreational and all other protective service workers | 33-909X |

Food Preparation and Serving Related Occupations

| | | |
|------|--|---------|
| 4000 | Chefs and head cooks | 35-1011 |
| 4010 | First-line supervisors/managers of food preparation and serving workers | 35-1012 |
| 4020 | Cooks | 35-2010 |
| 4030 | Food preparation workers | 35-2021 |
| 4040 | Bartenders | 35-3011 |
| 4050 | Combined food preparation and serving workers, including fast food | 35-3021 |
| 4060 | Counter attendants, cafeteria, food concession, and coffee shop | 35-3022 |
| 4110 | Waiters and waitresses | 35-3031 |
| 4120 | Food servers, nonrestaurant | 35-3041 |
| 4130 | Food preparation and serving related workers, all other including dining room and cafeteria attendants and bartender helpers | 35-9011 |
| 4140 | Dishwashers | 35-9021 |
| 4150 | Hosts and hostesses, restaurant, lounge, and coffee shop | 35-9031 |

Building and Grounds Cleaning and Maintenance Occupations

| | | |
|------|--|---------|
| 4200 | First-line supervisors/managers of housekeeping and janitorial workers | 37-1011 |
| 4210 | First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers | 37-1012 |
| 4220 | Janitors and building cleaners | 31-201X |
| 4230 | Maids and housekeeping cleaners | 37-2012 |
| 4240 | Pest control workers | 37-2021 |
| 4250 | Grounds maintenance workers | 37-3010 |

Personal Care and Service Occupations

| | | |
|------|---|---------|
| 4300 | First-line supervisors/managers of gaming workers | 39-1010 |
| 4320 | First-line supervisors/managers of personal service workers | 39-1021 |
| 4340 | Animal trainers | 39-2011 |
| 4350 | Nonfarm animal caretakers | 39-2021 |
| 4400 | Gaming services workers | 39-3010 |
| 4410 | Motion picture projectionists | 39-3021 |
| 4420 | Ushers, lobby attendants, and ticket takers | 39-3031 |
| 4430 | Miscellaneous entertainment attendants and related workers | 39-3090 |
| 4460 | Embalmers and funeral attendants | 39-40XX |
| 4465 | Morticians, undertakers, and funeral directors | 39-4031 |
| 4500 | Barbers | 39-5011 |
| 4510 | Hairdressers, hairstylists, and cosmetologists | 39-5012 |
| 4520 | Miscellaneous personal appearance workers | 39-5090 |
| 4530 | Baggage porters, bellhops, and concierges | 39-6010 |
| 4540 | Tour and travel guides | 39-7010 |
| 4600 | Child care workers | 39-9011 |
| 4610 | Personal and home care aides | 39-9021 |
| 4620 | Recreation and fitness workers | 39-9030 |
| 4640 | Residential advisors | 39-9041 |
| 4650 | Personal care and service workers, all other | 39-9099 |

Sales and Related Occupations

| | | |
|------|--|---------|
| 4700 | First-line supervisors/managers of retail sales workers | 41-1011 |
| 4710 | First-line supervisors/managers of non-retail sales workers | 41-1012 |
| 4720 | Cashiers | 41-2010 |
| 4740 | Counter and rental clerks | 41-2021 |
| 4750 | Parts salespersons | 41-2022 |
| 4760 | Retail salespersons | 41-2031 |
| 4800 | Advertising sales agents | 41-3011 |
| 4810 | Insurance sales agents | 41-3021 |
| 4820 | Securities, commodities, and financial services sales agents | 41-3031 |
| 4830 | Travel agents | 41-3041 |
| 4840 | Sales representatives, services, all other | 41-3099 |
| 4850 | Sales representatives, wholesale and manufacturing | 41-4010 |
| 4900 | Models, demonstrators, and product promoters | 41-9010 |
| 4920 | Real estate brokers and sales agents | 41-9020 |
| 4930 | Sales engineers | 41-9031 |
| 4940 | Telemarketers | 41-9041 |
| 4950 | Door-to-door sales workers, news and street vendors, and related workers | 41-9091 |
| 4965 | Sales and related workers, all other | 41-9099 |

Office and Administrative Support Occupations

| | | |
|------|--|---------|
| 5000 | First-line supervisors/managers of office and administrative support workers | 43-1011 |
| 5010 | Switchboard operators, including answering service | 43-2011 |
| 5020 | Telephone operators | 43-2021 |
| 5030 | Communications equipment operators, all other | 43-2099 |

**2010
CENSUS
CODE DESCRIPTION**

**2010
SOC
CODE**

| | | |
|------|---|---------|
| 5100 | Bill and account collectors | 43-3011 |
| 5110 | Billing and posting clerks and machine operators | 43-3021 |
| 5120 | Bookkeeping, accounting, and auditing clerks | 43-3031 |
| 5130 | Gaming cage workers | 43-3041 |
| 5140 | Payroll and timekeeping clerks | 43-3051 |
| 5150 | Procurement clerks | 43-3061 |
| 5160 | Tellers | 43-3071 |
| 5165 | Financial clerks, all other | 43-3099 |
| 5200 | Brokerage clerks | 43-4011 |
| 5220 | Court, municipal, and license clerks | 43-4031 |
| 5230 | Credit authorizers, checkers, and clerks | 43-4041 |
| 5240 | Customer service representatives | 43-4051 |
| 5250 | Eligibility interviewers, government programs | 43-4061 |
| 5260 | File Clerks | 43-4071 |
| 5300 | Hotel, motel, and resort desk clerks | 43-4081 |
| 5310 | Interviewers, except eligibility and loan | 43-4111 |
| 5320 | Library assistants, clerical | 43-4121 |
| 5330 | Loan interviewers and clerks | 43-4131 |
| 5340 | New accounts clerks | 43-4141 |
| 5350 | Correspondence clerks and order clerks | 43-4XXX |
| 5360 | Human resources assistants, except payroll and timekeeping | 43-4161 |
| 5400 | Receptionists and information clerks | 43-4171 |
| 5410 | Reservation and transportation ticket agents and travel clerks | 43-4181 |
| 5420 | Information and record clerks, all other | 43-4199 |
| 5500 | Cargo and freight agents | 43-5011 |
| 5510 | Couriers and messengers | 43-5021 |
| 5520 | Dispatchers | 43-5030 |
| 5530 | Meter readers, utilities | 43-5041 |
| 5540 | Postal service clerks | 43-5051 |
| 5550 | Postal service mail carriers | 43-5052 |
| 5560 | Postal service mail sorters, processors, and processing machine operators | 43-5053 |
| 5600 | Production, planning, and expediting clerks | 43-5061 |
| 5610 | Shipping, receiving, and traffic clerks | 43-5071 |
| 5620 | Stock clerks and order fillers | 43-5081 |
| 5630 | Weighers, measurers, checkers, and samplers, recordkeeping | 43-5111 |
| 5700 | Secretaries and administrative assistants | 43-6010 |
| 5800 | Computer operators | 43-9011 |
| 5810 | Data entry keyers | 43-9021 |
| 5820 | Word processors and typists | 43-9022 |
| 5840 | Insurance claims and policy processing clerks | 43-9041 |
| 5850 | Mail clerks and mail machine operators, except postal service | 43-9051 |
| 5860 | Office clerks, general | 43-9061 |
| 5900 | Office machine operators, except computer | 43-9071 |
| 5910 | Proofreaders and copy markers | 43-9081 |
| 5920 | Statistical assistants | 43-9111 |
| 5940 | Office and administrative support workers, including desktop publishers | |

Farming, Fishing, and Forestry Occupations

| | | |
|------|--|---------|
| 6005 | First-line supervisors of farming, fishing, and forestry workers | 45-1011 |
| 6010 | Agricultural inspectors | 45-2011 |
| 6040 | Graders and sorters, agricultural products | 45-2041 |
| 6050 | Miscellaneous agricultural workers, including animal breeders | 45-20XX |
| 6100 | Fishing and hunting workers | 45-3000 |
| 6120 | Forest and conservation workers | 45-4011 |
| 6130 | Logging workers | 45-4020 |

Construction Trades

| | | |
|------|---|---------|
| 6200 | First-line supervisors/managers of construction trades and extraction workers | 47-1011 |
| 6210 | Boilermakers | 47-2011 |
| 6220 | Brickmasons, blockmasons, and stonemasons | 47-2020 |
| 6230 | Carpenters | 47-2031 |
| 6240 | Carpet, floor, and tile installers and finishers | 47-2040 |
| 6250 | Cement masons, concrete finishers, and terrazzo workers | 47-2050 |
| 6260 | Construction laborers | 47-2061 |
| 6300 | Paving, surfacing, and tamping equipment operators | 47-2071 |
| 6320 | Construction equipment operators, except Paving, surfacing, and tamping equipment operators | 47-207X |
| 6330 | Drywall installers, ceiling tile installers, and tapers | 47-2080 |
| 6355 | Electricians | 47-2111 |
| 6360 | Glaziers | 47-2121 |
| 6400 | Insulation workers | 47-2130 |
| 6420 | Painters, construction and maintenance and paperhangers | 47-214X |
| 6440 | Pipelayers, plumbers, pipefitters, and steamfitters | 47-2150 |
| 6460 | Plasterers and stucco masons | 47-2161 |
| 6500 | Reinforcing iron and rebar workers | 47-2171 |
| 6515 | Roofers | 47-2181 |
| 6520 | Sheet metal workers | 47-2211 |
| 6530 | Structural iron and steel workers | 47-2221 |
| 6600 | Helpers, construction trades | 47-3010 |
| 6660 | Construction and building inspectors | 47-4011 |
| 6700 | Elevator installers and repairers | 47-4021 |
| 6710 | Fence erectors | 47-4031 |
| 6720 | Hazardous materials removal workers | 47-4041 |
| 6730 | Highway maintenance workers | 47-4051 |
| 6740 | Rail-track laying and maintenance equipment operators | 47-4061 |
| 6750 | Septic tank servicers and sewer pipe cleaners | 47-4071 |
| 6765 | Miscellaneous construction and related workers, including photovoltaic installers | |

Extraction Workers

| | | |
|------|---|---------|
| 6800 | Derrick, rotary drill, and service unit operators, oil, gas, and mining | 47-5010 |
| 6820 | Earth drillers, except oil and gas | 47-5021 |
| 6830 | Explosives workers, ordnance handling experts, and blasters | 47-5031 |
| 6840 | Mining machine operators | 47-5040 |
| 6920 | Roustabouts, oil and gas | 47-5071 |
| 6940 | Other extraction workers, including roof bolters and helpers | 47-50XX |

Installation, Maintenance, and Repair Workers

| | | |
|------|---|---------|
| 7000 | First-line supervisors/managers of mechanics, installers, and repairers | 49-1011 |
| 7010 | Computer, automated teller, and office machine repairers | 49-2011 |
| 7020 | Radio and telecommunications equipment installers and repairers | 49-2020 |
| 7030 | Avionics technicians | 49-2091 |
| 7040 | Electric motor, power tool, and related repairers | 49-2092 |
| 7100 | Electrical and electronics repairers, transportation equipment, industrial and utility | 49-209X |
| 7110 | Electronic equipment installers and repairers, motor vehicles | 49-2096 |
| 7120 | Electronic home entertainment equipment installers and repairers | 49-2097 |
| 7130 | Security and fire alarm systems installers | 49-2098 |
| 7140 | Aircraft mechanics and service technicians | 49-3011 |
| 7150 | Automotive body and related repairers | 49-3021 |
| 7160 | Automotive glass installers and repairers | 49-3022 |
| 7200 | Automotive service technicians and mechanics | 49-3023 |
| 7210 | Bus and truck mechanics and diesel engine specialists | 49-3031 |
| 7220 | Heavy vehicle and mobile equipment service technicians and mechanics | 49-3040 |
| 7240 | Small engine mechanics | 49-3050 |
| 7260 | Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers | 49-3090 |
| 7300 | Control and valve installers and repairers | 49-9010 |
| 7315 | Heating, air conditioning, and refrigeration mechanics and installers | 49-9021 |
| 7320 | Home appliance repairers | 49-9031 |
| 7330 | Industrial and refractory machinery mechanics | 49-904X |
| 7340 | Maintenance and repair workers, general | 49-9071 |
| 7350 | Maintenance workers, machinery | 49-9043 |
| 7360 | Millwrights | 49-9044 |
| 7410 | Electrical power-line installers and repairers | 49-9051 |
| 7420 | Telecommunications line installers and repairers | 49-9052 |
| 7430 | Precision instrument and equipment repairers | 49-9060 |
| 7510 | Coin, vending, and amusement machine servicers and repairers | 49-9091 |
| 7540 | Locksmiths and safe repairers | 49-9094 |
| 7550 | Manufactured building and mobile home installers | 49-9095 |
| 7560 | Riggers | 49-9096 |
| 7610 | Helpers--installation, maintenance, and repair workers | 49-9098 |
| 7630 | Other installation, maintenance, and repair workers, including wind turbine service technicians, commercial divers, and signal and train switch repairers | 49-909X |

Production Occupations

| | | |
|------|---|---------|
| 7700 | First-line supervisors/managers of production and operating workers | 51-1011 |
| 7710 | Aircraft structure, surfaces, rigging, and systems assemblers | 51-2011 |
| 7720 | Electrical, electronics, and electromechanical assemblers | 51-2020 |
| 7730 | Engine and other machine assemblers | 51-2031 |
| 7740 | Structural metal fabricators and fitters | 51-2041 |
| 7750 | Miscellaneous assemblers and fabricators | 51-2090 |
| 7800 | Bakers | 51-3011 |
| 7810 | Butchers and other meat, poultry, and fish processing workers | 51-3020 |
| 7830 | Food and tobacco roasting, baking, and drying machine operators and tenders | 51-3091 |
| 7840 | Food batchmakers | 51-3092 |

| | | |
|------|--|---------|
| 7850 | Food cooking machine operators and tenders | 51-3093 |
| 7855 | Food processing workers, all other | 51-3099 |
| 7900 | Computer control programmers and operators | 51-4010 |
| 7920 | Extruding and drawing machine setters, operators, and tenders, metal and plastic | 51-4021 |
| 7940 | Rolling machine setters, operators, and tenders and forging machine setters, operators, and tenders, metal and plastic | 51-402X |
| 7950 | Cutting, punching, and press machine setters, operators, and tenders, metal and plastic | 51-4031 |
| 8000 | Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic | 51-4033 |
| 8010 | Lathe and turning machine tool setters, operators, and tenders, metal and plastic | 51-4034 |
| 8030 | Machinists | 51-4041 |
| 8040 | Metal furnace and kiln operators and tenders | 51-4050 |
| 8100 | Molders and molding machine setters, operators, and tenders, metal and plastic | 51-4070 |
| 8130 | Tool and die makers | 51-4111 |
| 8140 | Welding, soldering, and brazing workers | 51-4120 |
| 8200 | Plating and coating machine setters, operators, and tenders, metal and plastic | 51-4193 |
| 8210 | Tool grinders, filers, and sharpeners | 51-4194 |
| 8220 | Metalworkers and plastic workers, all other | 51-4XXX |
| 8250 | Prepress technicians and workers | 51-5111 |
| 8255 | Printing press operators | 51-5112 |
| 8256 | Print binding and finishing workers | 51-5113 |
| 8300 | Laundry and dry-cleaning workers | 51-6011 |
| 8310 | Pressers, textile, garment, and related materials | 51-6021 |
| 8320 | Sewing machine operators | 51-6031 |
| 8330 | Shoe and leather workers and repairers | 51-6041 |
| 8350 | Tailors, dressmakers, and sewers | 51-6050 |
| 8400 | Textile cutting machine setters, operators, and tenders | 51-6062 |
| 8410 | Textile knitting and weaving machine setters, operators, and tenders | 51-6063 |
| 8420 | Textile winding, twisting, and drawing out machine setters, operators and tenders | 51-6064 |
| 8450 | Upholsterers | 51-6093 |
| 8460 | Miscellaneous textile, apparel, and furnishings workers, except upholsterers | 51-60XX |
| 8500 | Cabinetmakers and bench carpenters | 51-7011 |
| 8510 | Furniture finishers | 51-7021 |
| 8530 | Sawing machine setters, operators, and tenders, wood | 51-7041 |
| 8540 | Woodworking machine setters, operators, and tenders, except sawing | 51-7042 |
| 8550 | Miscellaneous woodworkers, including model makers and pattern makers | 51-70XX |
| 8600 | Power plant operators, distributors, and dispatchers | 51-8010 |
| 8610 | Stationary engineers and boiler operators | 51-8021 |
| 8620 | Water and liquid waste treatment plant and system operators | 51-8031 |
| 8630 | Miscellaneous plant and system operators | 51-8090 |
| 8640 | Chemical processing machine setters, operators, and tenders | 51-9010 |
| 8650 | Crushing, grinding, polishing, mixing, and blending workers | 51-9020 |
| 8710 | Cutting workers | 51-9030 |
| 8720 | Extruding, forming, pressing, and compacting machine setters, operators, and tenders | 51-9041 |
| 8730 | Furnace, kiln, oven, drier, and kettle operators and tenders | 51-9051 |
| 8740 | Inspectors, testers, sorters, samplers, and weighers | 51-9061 |
| 8750 | Jewelers and precious stone and metal workers | 51-9071 |
| 8760 | Medical, dental, and ophthalmic laboratory technicians | 51-9080 |
| 8800 | Packaging and filling machine operators and tenders | 51-9111 |
| 8810 | Painting workers | 51-9120 |
| 8830 | Photographic process workers and processing machine operators | 51-9130 |

**2010
CENSUS
CODE DESCRIPTION**

**2010
SOC
CODE**

| | | |
|------|---|---------|
| 8850 | Cementing and gluing machine operators and tenders | 51-9191 |
| 8860 | Cleaning, washing, and metal pickling equipment operators and tenders | 51-9192 |
| 8910 | Etchers and engravers | 51-9194 |
| 8920 | Molders, shapers, and casters, except metal and plastic | 51-9195 |
| 8930 | Paper goods machine setters, operators, and tenders | 51-9196 |
| 8940 | Tire builders | 51-9197 |
| 8950 | Helpers--production workers | 51-9198 |
| 8965 | Production workers, including semiconductor processors and cooling and freezing equipment operators | 51-91XX |

Transportation and Material Moving Occupations

| | | |
|------|---|---------|
| 9000 | Supervisors, transportation and material moving workers | 53-1000 |
| 9030 | Aircraft pilots and flight engineers | 53-2010 |
| 9040 | Air traffic controllers and airfield operations specialists | 53-2020 |
| 9110 | Ambulance drivers and attendants, except emergency medical technicians | 53-3011 |
| 9120 | Bus drivers | 53-3020 |
| 9130 | Driver/sales workers and truck drivers | 53-3030 |
| 9140 | Taxi drivers and chauffeurs | 53-3041 |
| 9150 | Motor vehicle operators, all other | 53-3099 |
| 9200 | Locomotive engineers and operators | 53-4010 |
| 9240 | Railroad brake, signal, switch operators, conductors and yardmasters | 53-40XX |
| 9260 | Subway, streetcar, and other rail transportation workers | 53-30XX |
| 9300 | Sailors and marine oilers, and ship engineers | 53-50XX |
| 9310 | Ship and boat captains and operators | 53-5020 |
| 9350 | Parking lot attendants | 53-6021 |
| 9360 | Service station attendants | 53-6031 |
| 9410 | Transportation inspectors | 53-6051 |
| 9415 | Transportation attendants, except flight attendants | 53-6061 |
| 9420 | Other transportation workers, including bridge and lock tenders | 53-60XX |
| 9510 | Crane and tower operators | 53-7021 |
| 9520 | Dredge, excavating, and loading machine operators | 53-7030 |
| 9560 | Hoist and winch operators, and conveyor operators and tenders | 53-70XX |
| 9600 | Industrial truck and tractor operators | 53-7051 |
| 9610 | Cleaners of vehicles and equipment | 53-7061 |
| 9620 | Laborers and freight, stock, and material movers, hand | 53-7062 |
| 9630 | Machine feeders and offbearers | 53-7063 |
| 9640 | Packers and packagers, hand | 53-7064 |
| 9650 | Pumping station operators | 53-7070 |
| 9720 | Refuse and recyclable material collectors | 53-7081 |
| 9750 | Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders | 53-71XX |

Armed Forces

| | |
|-------|--------------|
| *9840 | Armed Forces |
|-------|--------------|

Detailed Occupation Recodes (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|------|--|-----------------|
| 1 | Management occupations | 0010-0430 |
| 2 | Business and financial operations occupations | 0500-0950 |
| 3 | Computer and mathematical science occupations | 1000-1240 |
| 4 | Architecture and engineering occupations | 1300-1560 |
| 5 | Life, physical, and social science occupations | 1600-1965 |
| 6 | Community and social service occupation | 2000-2060 |
| 7 | Legal occupations | 2100-2160 |
| 8 | Education, training, and library occupations | 2200-2550 |
| 9 | Arts, design, entertainment, sports, and media occupations | 2600-2960 |
| 10 | Healthcare practitioner and technical occupations | 3000-3540 |
| 11 | Healthcare support occupations | 3600-3655 |
| 12 | Protective service occupations | 3700-3955 |
| 13 | Food preparation and serving related occupations | 4000-4160 |
| 14 | Building and grounds cleaning and maintenance occupations | 4200-4250 |
| 15 | Personal care and service occupations | 4300-4650 |
| 16 | Sales and related occupations | 4700-4965 |
| 17 | Office and administrative support occupations | 5000-5940 |
| 18 | Farming, fishing, and forestry occupations | 6000-6130 |
| 19 | Construction and extraction occupations | 6200-6940 |
| 20 | Installation, maintenance, and repair occupations | 7000-7630 |
| 21 | Production occupations | 7700-8965 |
| 22 | Transportation and material moving occupations | 9000-9750 |
| 23 | Armed Forces | 9840 |

**Major Occupation Group Recodes
(01-11)**

These codes correspond to Items PRMJ OCC1 and PRMJ OCC2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJ OCC and are located in positions 159-160.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|-------------|---|------------------------|
| 1 | Management, business, and financial occupations | 0010-0950 |
| 2 | Professional and related occupations | 1000-3540 |
| 3 | Service occupations | 3600-4650 |
| 4 | Sales and related occupations | 4700-4965 |
| 5 | Office and administrative support occupations | 5000-5940 |
| 6 | Farming, fishing, and forestry occupations | 6000-6130 |
| 7 | Construction and extraction occupations | 6200-6940 |
| 8 | Installation, maintenance, and repair occupations | 7000-7630 |
| 9 | Production occupations | 7700-8965 |
| 10 | Transportation and material moving occupations | 9000-9750 |
| 11 | Armed Forces | 9840 |

ATTACHMENT 11

Specific Metropolitan Identifiers

(Geographic Attachment for CPS Public Use File Documentation Beginning August, 2015)

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

Metropolitan Areas are defined using February 28, 2013 OMB definitions.

| <u>FIPS Code</u> | <u>Metropolitan (CBSA) TITLE</u> |
|------------------|---------------------------------------|
| 10180 | Abilene, TX |
| 10420 | Akron, OH |
| 10580 | Albany-Schenectady-Troy, NY |
| 10740 | Albuquerque, NM |
| 10900 | Allentown-Bethlehem-Easton, PA-NJ |
| 11100 | Amarillo, TX |
| 11460 | Ann Arbor, MI |
| 11540 | Appleton, WI |
| 11700 | Asheville, NC |
| 12020 | Athens-Clarke County, GA |
| 12060 | Atlanta-Sandy Springs-Roswell, GA |
| 12100 | Atlantic City-Hammonton, NJ |
| 12220 | Auburn-Opelika, AL |
| 12260 | Augusta-Richmond County, GA-SC |
| 12420 | Austin-Round Rock, TX |
| 12540 | Bakersfield, CA |
| 12580 | Baltimore-Columbia-Towson, MD |
| 12620 | Bangor, ME |
| 12700 | Barnstable, MA |
| 12940 | Baton Rouge, LA |
| 12980 | Battle Creek, MI |
| 13140 | Beaumont-Port Arthur, TX |
| 13460 | Bend-Redmond, OR |
| 13740 | Billings, MT |
| 13780 | Binghamton, NY |
| 13820 | Birmingham-Hoover, AL |
| 13980 | Blacksburg—Christiansburg-Radford, VA |
| 14010 | Bloomington, IL |
| 14020 | Bloomington, IN |
| 14260 | Boise City, ID |
| 14460 | Boston-Cambridge-Newton, MA-NH |
| 14500 | Boulder, CO |
| 14540 | Bowling Green, KY |
| 14860 | Bridgeport-Stamford-Norwalk, CT |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|--|
| 15180 | Brownsville-Harlingen, TX |
| 15380 | Buffalo-Cheektowaga-Niagara Falls, NY |
| 15500 | Burlington, NC |
| 15540 | Burlington-South Burlington, VT |
| 15680 | California-Lexington Park, MD |
| 15940 | Canton-Massillon, OH |
| 15980 | Cape Coral-Fort Myers, FL |
| 16060 | Carbondale-Marion, IL |
| 16300 | Cedar Rapids, IA |
| 16540 | Chambersburg-Waynesboro, PA |
| 16580 | Champaign-Urbana, IL |
| 16620 | Charleston, WV |
| 16700 | Charleston-North Charleston, SC |
| 16740 | Charlotte-Concord-Gastonia, NC-SC |
| 16820 | Charlottesville, VA |
| 16860 | Chattanooga, TN-GA |
| 16980 | Chicago-Naperville-Elgin, IL-IN-WI |
| 17020 | Chico, CA |
| 17140 | Cincinnati, OH-KY-IN |
| 17300 | Clarksville, TN-KY |
| 17420 | Cleveland, TN |
| 17460 | Cleveland-Elyria, OH |
| 17660 | Coeur d'Alene, ID |
| 17780 | College Station-Bryan, TX |
| 17820 | Colorado Springs, CO |
| 17900 | Columbia, SC |
| 17980 | Columbus, GA-AL |
| 18140 | Columbus, OH |
| 18580 | Corpus Christi, TX |
| 19100 | Dallas-Fort Worth-Arlington, TX |
| 19300 | Daphne-Fairhope-Foley, AL |
| 19340 | Davenport-Moline-Rock Island, IA-IL |
| 19380 | Dayton, OH |
| 19660 | Deltona-Daytona Beach-Ormond Beach, FL |
| 19740 | Denver-Aurora-Lakewood, CO |
| 19780 | Des Moines-West Des Moines, IA |
| 19820 | Detroit-Warren-Dearborn, MI |
| 20100 | Dover, DE |
| 20500 | Durham-Chapel Hill, NC |
| 20700 | East Stroudsburg, PA |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|--|
| 21140 | Elkhart-Goshen, IN |
| 21340 | El Paso, TX |
| 21500 | Erie, PA |
| 21660 | Eugene, OR |
| 21780 | Evansville, IN-KY |
| 22020 | Fargo, ND-MN |
| 22140 | Farmington, NM |
| 22180 | Fayetteville, NC |
| 22220 | Fayetteville-Springdale-Rogers, AR-MO |
| 22420 | Flint, MI |
| 22500 | Florence, SC |
| 22520 | Florence-Muscle Shoals, AL |
| 22660 | Fort Collins, CO |
| 22900 | Fort Smith, AR-OK |
| 23060 | Fort Wayne, IN |
| 23420 | Fresno, CA |
| 23540 | Gainesville, FL |
| 23580 | Gainesville, GA |
| 24020 | Glen Falls, NY |
| 24140 | Goldsboro, NC |
| 24340 | Grand Rapids-Wyoming, MI |
| 24540 | Greeley, CO |
| 24580 | Green Bay, WI |
| 24660 | Greensboro-High Point, NC |
| 24780 | Greenville, NC |
| 24860 | Greenville-Anderson-Mauldin, SC |
| 25180 | Hagerstown-Martinsburg, MD-WV |
| 25260 | Hanford-Corcoran, CA |
| 25420 | Harrisburg-Carlisle, PA |
| 25540 | Hartford-West Hartford-East Hartford, CT |
| 25860 | Hickory-Morganton-Lenoir, NC |
| 25940 | Hilton Head Island-Bluffton-Beaufort, SC |
| 26420 | Houston-Baytown-Sugar Land, TX |
| 26580 | Huntington-Ashland, WV-KY-OH |
| 26620 | Huntsville, AL |
| 26820 | Idaho Falls, ID |
| 26900 | Indianapolis, IN |
| 26980 | Iowa City, IA |
| 27100 | Jackson, MI |
| 27140 | Jackson, MS |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|---|
| 27260 | Jacksonville, FL |
| 27340 | Jacksonville, NC |
| 27500 | Janesville-Beloit, WI |
| 27740 | Johnson City, TN |
| 27780 | Johnstown, PA |
| 27980 | Kahului-Wailuku-Lahaina, HI |
| 28020 | Kalamazoo-Portage, MI |
| 28140 | Kansas City, MO-KS |
| 28420 | Kennewick-Richland, WA |
| 28660 | Killeen-Temple-Fort Hood, TX |
| 28700 | Kingsport-Bristol, TN-VA |
| 28940 | Knoxville, TN |
| 29180 | Lafayette, LA |
| 29200 | Lafayette-West Lafayette, IN |
| 29340 | Lake Charles, LA |
| 29460 | Lakeland-Winter Haven, FL |
| 29540 | Lancaster, PA |
| 29620 | Lansing-East Lansing, MI |
| 29700 | Laredo, TX |
| 29740 | Las Cruces, NM |
| 29820 | Las Vegas-Paradise, NV |
| 30340 | Lewiston-Auburn, ME |
| 30460 | Lexington-Fayette, KY |
| 30780 | Little Rock-North Little Rock, AR |
| 30980 | Longview, TX |
| 31080 | Los Angeles-Long Beach-Anaheim, CA |
| 31140 | Louisville, KY-IN |
| 31180 | Lubbock, TX |
| 31420 | Macon, GA |
| 31540 | Madison, WI |
| 31700 | Manchester-Nashua, NH |
| 32580 | McAllen-Edinburg-Mission, TX |
| 32780 | Medford, OR |
| 32820 | Memphis, TN-MS-AR |
| 33100 | Miami-Fort Lauderdale-West Palm Beach, FL |
| 33340 | Milwaukee-Waukesha-West Allis, WI |
| 33460 | Minneapolis-St Paul-Bloomington, MN-WI |
| 33660 | Mobile, AL |
| 33700 | Modesto, CA |
| 33740 | Monroe, LA |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|--|
| 33780 | Monroe, MI |
| 33860 | Montgomery, AL |
| 34060 | Morgantown, WV |
| 34580 | Mount Vernon-Anacortes, WA |
| 34740 | Muskegon-Norton Shores, MI |
| 34820 | Myrtle Beach-Conway-North Myrtle Beach, SC-NC |
| 34940 | Naples-Immokalee-Marco Island, FL |
| 34980 | Nashville-Davidson-Murfreesboro, TN |
| 35300 | New Haven-Milford, CT |
| 35380 | New Orleans-Metairie, LA |
| 35620 | New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan) |
| 35660 | Niles-Benton Harbor, MI |
| 35840 | North Port-Sarasota-Bradenton, FL |
| 35980 | Norwich-New London, CT |
| 36100 | Ocala, FL |
| 36220 | Odessa, TX |
| 36260 | Ogden-Clearfield, UT |
| 36420 | Oklahoma City, OK |
| 36540 | Omaha-Council Bluffs, NE-IA |
| 36740 | Orlando, FL |
| 36780 | Oshkosh-Neenah, WI |
| 37100 | Oxnard-Thousand Oaks-Ventura, CA |
| 37340 | Palm Bay-Melbourne-Titusville, FL |
| 37460 | Panama City, FL |
| 37860 | Pensacola-Ferry Pass-Brent, FL |
| 37900 | Peoria, IL |
| 37980 | Philadelphia-Camden-Wilmington, PA-NJ-DE |
| 38060 | Phoenix-Mesa-Scottsdale, AZ |
| 38220 | Pine Bluff, AR |
| 38300 | Pittsburgh, PA |
| 38860 | Portland-South Portland, ME |
| 38900 | Portland-Vancouver-Hillsboro, OR-WA |
| 38940 | Port St. Lucie-Fort Pierce, FL |
| 39140 | Prescott, AZ |
| 39300 | Providence-Warwick, RI-MA |
| 39340 | Provo-Orem, UT |
| 39540 | Racine, WI |
| 39580 | Raleigh, NC |
| 39740 | Reading, PA |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|---|
| 39820 | Redding, CA |
| 40060 | Richmond, VA |
| 40140 | Riverside-San Bernardino-Ontario, CA |
| 40220 | Roanoke, VA |
| 40380 | Rochester, NY |
| 40420 | Rockford, IL |
| 40900 | Sacramento--Arden-Arcade--Roseville, CA |
| 40980 | Saginaw, MI |
| 41100 | St. George, UT |
| 41180 | St. Louis, MO-IL |
| 41420 | Salem, OR |
| 41500 | Salinas, CA |
| 41540 | Salisbury, MD |
| 41620 | Salt Lake City, UT |
| 41700 | San Antonio, TX |
| 41740 | San Diego-Carlsbad-San Marcos, CA |
| 41860 | San Francisco-Oakland-Fremont, CA |
| 41940 | San Jose-Sunnyvale-Santa Clara, CA |
| 42020 | San Luis Obispo-Paso Robles, CA |
| 42100 | Santa Cruz-Watsonville, CA |
| 42140 | Santa Fe, NM |
| 42200 | Santa Maria-Santa Barbara, CA |
| 42220 | Santa Rosa-Petaluma, CA |
| 42340 | Savannah, GA |
| 42540 | Scranton--Wilkes-Barre, PA |
| 42660 | Seattle-Tacoma-Bellevue, WA |
| 43300 | Sherman-Dennison, TX |
| 43340 | Shreveport-Bossier City, LA |
| 43620 | Sioux Falls, SD |
| 43780 | South Bend-Mishawaka, IN-MI |
| 43900 | Spartanburg, SC |
| 44060 | Spokane-Spokane Valley, WA |
| 44100 | Springfield, IL |
| 44140 | Springfield, MA |
| 44180 | Springfield, MO |
| 44700 | Stockton-Lodi, CA |
| 45060 | Syracuse, NY |
| 45220 | Tallahassee, FL |
| 45300 | Tampa-St. Petersburg-Clearwater, FL |
| 45460 | Terre Haute, IN |

| FIPS Code | Metropolitan (CBSA) TITLE |
|-----------|--|
| 45780 | Toledo, OH |
| 45820 | Topeka, KS |
| 45940 | Trenton, NJ |
| 46060 | Tucson, AZ |
| 46140 | Tulsa, OK |
| 46340 | Tyler, TX |
| 46520 | Urban Honolulu, HI |
| 46540 | Utica-Rome, NY |
| 46700 | Vallejo-Fairfield, CA |
| 47220 | Vineland-Bridgeton, NJ |
| 47260 | Virginia Beach-Norfolk-Newport News, VA-NC |
| 47300 | Visalia-Porterville, CA |
| 47380 | Waco, TX |
| 47580 | Warner Robins, GA |
| 47900 | Washington-Arlington-Alexandria, DC-VA-MD-WV |
| 47940 | Waterloo-Cedar Falls, IA |
| 48060 | Watertown-Fort Drum, NY |
| 48140 | Wausau, WI |
| 48620 | Wichita, KS |
| 48660 | Wichita Falls, TX |
| 48700 | Williamsport, PA |
| 49020 | Winchester, VA-WV |
| 49180 | Winston-Salem, NC |
| 49340 | Worcester, MA-CT |
| 49620 | York-Hanover, PA |
| 49660 | Youngstown-Warren-Boardman, OH-PA |
| 49740 | Yuma, AZ |

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA.

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|----------|---|--|
| 104 | 10580 24020 | Albany-Schenectady, NY Albany-Schenectady-Troy, NY Glen Falls, NY |
| 106 | 10740 42140 | Albuquerque-Santa Fe-Las Vegas, NM Albuquerque, NM Santa Fe, NM |
| 118 | 11540 36780 | Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI |
| 122 | 12020 12060 23580 | Atlanta--Athens-Clarke County—Sandy Springs, GA Athens-Clarke County, GA Atlanta-Sandy Springs-Roswell, GA Gainesville, GA |
| 148 | 12700 14460 31700 39300 49340 | Boston-Worcester-Providence, MA-RI-NH-CT Barnstable Town, MA Boston-Cambridge-Newton-MA-NH Manchester-Nashua, NH Providence-Warwick, RI-MA Worcester, MA-CT |
| 162 | 15980 34940 | Cape Coral-Fort Myers-Naples, FL Cape Coral, FL Naples-Immokalee-Marco Island, FL |

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|-------------|----------------------------------|---|
| 168 | 16300 26980 | Cedar Rapids-Iowa City, IA Cedar Rapids, IA Iowa City, IA |
| 170 | 16620 26580 | Charleston-Huntington-Ashland, WV-OH-KY Charleston, WV Huntington-Ashland, WV-KY-OH |
| 174 | 16860 17420 | Chattanooga-Cleveland-Dalton, TN-GA Chattanooga, TN-GA Cleveland, TN |
| 184 | 10420 15940 17460 | Cleveland-Akron-Canton, OH (part) Akron, OH Canton-Massillon, OH Cleveland-Elyria-Mentor, OH |
| 194 | 12220 17980 | Columbus-Auburn-Opelika, GA-AL Auburn-Opelika, AL Columbus, GA |
| 206 | 19100 43300 | Dallas-Fort Worth, TX-OK Dallas-Fort Worth-Arlington, TX Sherman-Dennison, TX |
| 216 | 14500 19740 24540 | Denver-Aurora, CO Boulder, CO Denver-Aurora-Lakewood, CO Greeley, CO |
| 220 | 11460 19820 22420 33780 | Detroit-Warren-Ann Arbor, MI Ann Arbor, MI Detroit-Warren-Dearborn, MI Flint, MI Monroe, MI |

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|-------------|-------------------------|---|
| 238 | 21340 29740 | El Paso-Las Cruces, TX-NM El Paso, TX Las Cruces, NM |
| 266 | 24340 26100 34740 | Grand Rapids-Wyoming-Muskegon, MI Grand Rapids-Wyoming, MI Holland-Grand Haven, MI* Muskegon-Norton Shores, MI |
| 268 | 15500 24660 49180 | Greensboro--Winston-Salem--High Point, NC Burlington, NC Greensboro-High Point, NC Winston-Salem, NC |
| 273 | 24860 43900 | Greenville-Spartanburg-Anderson, SC Greenville-Anderson-Mauldin, SC Spartanburg, SC |
| 276 | 25420 49620 | Harrisburg-York-Lebanon, PA Harrisburg-Carlisle, PA York-Hanover, PA |
| 278 | 25540 35980 | Hartford-West Hartford, CT Hartford-West Hartford-East Hartford, CT Norwich-New London, CT |
| 304 | 27740 28700 | Johnson City-Kingsport-Bristol, TN-VA (part) Johnson City, TN Kingsport-Bristol, TN-VA |
| 310 | 12980 28020 | Kalamazoo-Battle Creek-Portage, MI Battle Creek, MI Kalamazoo-Portage, MI |
| 340 | 30780 38220 | Little Rock-North Little Rock, AR Little Rock-North Little Rock-Conway, AR Pine Bluff, AR |

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|-------------|--|--|
| 348 | 31100 37100 40140 | Los Angeles-Long Beach-Riverside, CA Los Angeles-Long Beach-Santa Ana, CA Oxnard-Thousand Oaks-Ventura, CA Riverside-San Bernardino-Ontario, CA |
| 356 | 31420 47580 | Macon-Warner Robins-Fort Valley, GA Macon, GA Warner Robins, GA |
| 357 | 27500 31540 | Madison-Janesville-Beloit, WI Janesville-Beloit, WI Madison, WI |
| 370 | 33100 38940 | Miami-Fort Lauderdale-Port St. Lucie, FL Miami-Fort Lauderdale-West Palm Beach, FL Port St. Lucie-Fort Pierce, FL |
| 376 | 33340 39540 | Milwaukee-Racine-Waukesha, WI Milwaukee-Waukesha-West Allis, WI Racine, WI |
| 380 | 19300 33660 | Mobile-Daphne-Fairhope, AL Daphne-Fairhope, AL Mobile, AL |
| 408 | 10900 14860 20700 35300 35620 45940 | New York-Newark-Bridgeport, NY-NJ-CT-PA Allentown-Bethlehem-Easton, PA-NJ Bridgeport-Stamford-Norwalk, CT East Stroudsburg, PA New Haven-Milford, CT New York-Newark-Jersey City, NY-NJ-PA Trenton, NJ |
| 422 | 19660 36740 | Orlando-Deltona-Daytona Beach, FL Deltona-Daytona Beach-Ormond Beach, FL Orlando-Kissimmee-Sanford, FL |

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|-------------|--------------|---|
| 428 | | Philadelphia-Reading-Camden, PA-NJ-DE-MD |
| | 12100 | Atlantic City-Hammonton, NJ |
| | 20100 | Dover, DE |
| | 37980 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD |
| | 39740 | Reading, PA |
| | 47220 | Vineland-Bridgeton, NJ |
| 438 | | Portland-Lewiston-South Portland, ME |
| | 30340 | Lewiston-Auburn, ME |
| | 38860 | Portland-South Portland, ME |
| 440 | | Portland-Vancouver-Salem, OR-WA |
| | 38900 | Portland-Vancouver-Hillsboro, OR-WA |
| | 41420 | Salem, OR |
| 450 | | Raleigh-Durham-Cary, NC |
| | 20500 | Durham-Chapel Hill, NC |
| | 39580 | Raleigh, NC |
| 482 | | Salt Lake City-Provo-Orem, UT |
| | 36260 | Ogden-Clearfield, UT |
| | 39340 | Provo-Orem, UT |
| | 41620 | Salt Lake City, UT |
| 488 | | San Jose-San Francisco-Oakland, CA |
| | 41860 | San Francisco-Oakland-Hayward, CA |
| | 41940 | San Jose-Sunnyvale-Santa Clara, CA |
| | 42100 | Santa Cruz-Watsonville, CA |
| | 42220 | Santa Rosa, CA |
| | 44700 | Stockton-Lodi, CA |
| | 46700 | Vallejo-Fairfield, CA |
| 500 | | Seattle-Tacoma-Olympia, WA |
| | 34580 | Mount Vernon-Anacortes, WA |
| | 42660 | Seattle-Tacoma-Bellevue, WA |

| CSA Code | CBSA Code | CSA Title Component Parts (CBSA's) |
|-------------|--------------|--|
| 515 | | South Bend-Elkhart-Mishawaka, IN-MI |
| | 21140 | Elkhart-Goshen, IN |
| | 35660 | Niles-Benton Harbor, MI |
| | 43780 | South Bend-Mishawaka, IN-MI |
| 518 | | Spokane-Spokane Valley-Coeur d'Alene, WA-ID |
| | 17660 | Coeur d'Alene, ID |
| | 44060 | Spokane-Spokane Valley, WA |
| 546 | | Visalia-Porterville-Hanford, CA |
| | 25260 | Hanford-Corcoran, CA |
| | 47300 | Visalia-Porterville, CA |
| 548 | | Washington-Baltimore-Arlington, DC-MD-VA-WV-PA |
| | 12580 | Baltimore-Columbia-Towson, MD |
| | 15680 | California-Lexington Park, MD |
| | 16540 | Chambersburg-Waynesboro, PA |
| | 25180 | Hagerstown-Martinsburg, MD-WV |
| | 47900 | Washington-Arlington-Alexandria, DC-VA-MD-WV |
| | 49020 | Winchester, VA-WV |

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

| CBSA Code | Title City | GTINDVPC |
|--------------|--|----------|
| 38060 | Phoenix-Mesa-Scottsdale, AZ | |
| | Phoenix | 1 |
| | Mesa | 2 |
| | Scottsdale | 3 |
| | Tempe | 4 |
| | Glendale | 5 |
| 30780 | Little Rock-North Little Rock-Conway, AR | |
| | Little Rock | 1 |
| 31080 | Los Angeles-Long Beach-Anaheim, CA | |
| | Los Angeles County | |
| | Los Angeles | 1 |
| | Long Beach | 2 |
| | Glendale | 3 |
| | Pomona | 4 |
| | Torrance | 5 |
| | Pasadena | 6 |
| | Burbank | 7 |
| | Orange County | |
| | Santa Ana | 1 |
| | Anaheim | 2 |
| | Irvine | 3 |
| | Orange | 4 |
| | Fullerton | 5 |
| | Costa Mesa | 6 |

| CBSA Code | Title City | GTINDVPC |
|--------------|---------------------------------------|----------|
| 37100 | Oxnard-Thousand Oaks-Ventura, CA | |
| | Oxnard | 1 |
| | Thousand Oaks | 2 |
| 40140 | Riverside-San Bernardino-Ontario, CA | |
| | Riverside | 1 |
| | San Bernardino | 2 |
| | Ontario | 3 |
| | Temecula | 4 |
| | Victorville | 5 |
| 40900 | Sacramento–Roseville-Arden-Arcade, CA | |
| | Sacramento | 1 |
| | Roseville | 2 |
| 41740 | San Diego-Carlsbad, CA | |
| | San Diego | 1 |
| | Carlsbad | 2 |
| 41860 | San Francisco-Oakland-Hayward, CA | |
| | San Francisco | 1 |
| | Alameda County | |
| | Oakland | 1 |
| | Fremont | 2 |
| | Hayward | 3 |
| | Berkeley | 4 |
| 41940 | San Jose-Sunnyvale-Santa Clara, CA | |
| | San Jose | 1 |
| | Sunnyvale | 2 |
| | Santa Clara | 3 |
| 46700 | Vallejo-Fairfield, CA | |
| | Vallejo | 1 |
| | Fairfield | 2 |

| CBSA Code | Title City | GTINDVPC |
|--------------|---|----------|
| 19740 | Denver-Aurora-Lakewood, CO | |
| | Denver | 1 |
| | Lakewood | 2 |
| 14860 | Bridgeport-Stamford-Norwalk, CT | |
| | Bridgeport | 1 |
| | Stamford | 2 |
| 25540 | Hartford-West Hartford-East Hartford, CT | |
| | Hartford | 1 |
| 33100 | Miami-Fort Lauderdale-West Palm Beach, FL | |
| | Broward County | |
| | Fort Lauderdale | 1 |
| | Miami-Dade County | |
| | Miami | 1 |
| | 1 | |
| 36740 | Orlando-Kissimmee-Sanford, FL | |
| | Orlando | 1 |
| 37340 | Palm Bay-Melbourne-Titusville, FL | |
| | Palm Bay | 1 |
| 45300 | Tampa-St. Petersburg-Clearwater, FL | |
| | St. Petersburg | 1 |
| | Tampa | 2 |
| 12060 | Atlanta-Sandy Springs-Roswell, GA | |
| | Atlanta | 1 |
| 16980 | Chicago-Naperville-Elgin, IL-IN-WI | |
| | Chicago | 1 |
| | Naperville | 2 |
| | Joliet | 3 |
| | Elgin | 4 |

| CBSA Code | Title City | GTINDVPC |
|--------------|---|-------------|
| 26900 | Indianapolis-Carmel-Anderson. IN Indianapolis | 1 |
| 28140 | Kansas City, MO-KS Kansas portion Kansas City Overland Park Missouri portion Kansas City | 1 2 1 |
| 35380 | New Orleans-Metairie, LA New Orleans Metairie | 1 2 |
| 12580 | Baltimore-Columbia-Towson. MD Baltimore | 1 |
| 14460 | Boston-Cambridge-Newton, MA-NH Massachusetts portion Boston Cambridge | 1 2 |
| 19820 | Detroit-Warren-Dearborn, MI Wayne County Detroit Macomb County Warren | 1 1 |
| 33460 | Minneapolis-St. Paul-Bloomington, MN-WI Minneapolis St. Paul | 1 2 |
| 29820 | Las Vegas-Henderson--Paradise, NV Las Vegas Paradise Henderson | 1 2 3 |

| CBSA Code | Title City | GTINDVPC |
|--------------|--|----------|
| 35620 | New York-Newark- Jersey City, NY-NJ-PA | |
| | New Jersey portion | |
| | Newark | 1 |
| | Jersey City | 2 |
| | New York portion | |
| | New York | 1 |
| 15380 | Buffalo-Cheektowaga-Niagara Falls, NY | |
| | Buffalo | 1 |
| 16740 | Charlotte -Concord-Gastonia, NC-SC | |
| | Charlotte | 1 |
| 38900 | Portland-Vancouver-Hillsboro, OR-WA | |
| | Portland | 1 |
| 34980 | Nashville-Davidson—Murfreesboro—Franklin, TN | |
| | Nashville-Davidson | 1 |
| 19100 | Dallas-Fort Worth-Arlington, TX | |
| | Dallas | 1 |
| | Fort Worth | 2 |
| | Carrollton | 3 |
| | Plano | 4 |
| | Irving | 5 |
| | Arlington | 6 |
| 26420 | Houston-The Woodlands-Sugar Land, TX | |
| | Houston | 1 |
| 32580 | McAllen-Edinburg-Mission, TX | |
| | McAllen | 1 |
| 47260 | Virginia Beach-Norfolk-Newport News, VA-NC | |
| | Virginia portion | |
| | Virginia Beach | 1 |
| | Norfolk | 2 |
| | Newport News | 3 |

| CBSA Code | Title City | GTINDVPC |
|--------------|--|------------------|
| 47900 | Washington-Arlington-Alexandria, DC-VA-MD-WV Virginia portion only Arlington | 2 |
| 42660 | Seattle-Tacoma-Bellevue, WA Seattle Tacoma Bellevue Everett | 1 2 3 4 |
| 33340 | Milwaukee-Waukesha-West Allis, WI Milwaukee | 1 |

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state. Counties are only included on this list if the entire county is identified.

| FIPS County Code | County Name | State |
|------------------------|-----------------|-------|
| Alabama | | |
| 003 | Baldwin | |
| 081 | Lee | |
| 097 | Mobile | |
| Arizona | | |
| 013 | Maricopa | |
| 019 | Pima | |
| 021 | Pinal | |
| 025 | Yavapai | |
| 027 | Yuma | |
| California | | |
| 001 | Alameda | |
| 007 | Butte | |
| 019 | Fresno | |
| 029 | Kern | |
| 031 | Kings | |
| 037 | Los Angeles | |
| 053 | Monterey | |
| 059 | Orange | |
| 067 | Sacramento | |
| 073 | San Diego | |
| 075 | San Francisco | |
| 079 | San Luis Obispo | |
| 081 | San Mateo | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
| 083 | Santa Barbara | |
| 087 | Santa Cruz | |
| 089 | Shasta | |
| 095 | Solano | |
| 097 | Sonoma | |
| 099 | Stanislaus | |
| 107 | Tulare | |
| 111 | Ventura | |

Colorado

| | |
|-----|-----------|
| 013 | Boulder |
| 031 | Denver |
| 059 | Jefferson |
| 069 | Larimer |
| 123 | Weld |

Connecticut

| | |
|-----|-------------|
| 001 | Fairfield |
| 005 | Litchfield* |
| 009 | New Haven |
| 011 | New London |
| 015 | Windham |

Delaware

| | |
|-----|------------|
| 001 | Kent |
| 003 | New Castle |
| 005 | Sussex |

District of Columbia

| | |
|-----|----------------------|
| 001 | District of Columbia |
|-----|----------------------|

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

Florida

| | |
|-----|--------------|
| 005 | Bay |
| 009 | Brevard |
| 011 | Broward |
| 019 | Clay |
| 021 | Collier |
| 033 | Escambia |
| 053 | Hernando |
| 057 | Hillsborough |
| 069 | Lake |
| 071 | Lee |
| 083 | Marion |
| 085 | Martin |
| 086 | Miami-Dade |
| 095 | Orange |
| 099 | Palm Beach |
| 101 | Pasco |
| 103 | Pinellas |
| 105 | Polk |
| 109 | St. Johns |
| 111 | St. Lucie |
| 113 | Santa Rosa |

Georgia

| | |
|-----|----------|
| 015 | Bartow |
| 045 | Carroll |
| 057 | Cherokee |
| 063 | Clayton |
| 077 | Coweta |
| 097 | Douglas |
| 113 | Fayette |
| 117 | Forsythe |
| 135 | Gwinnett |
| 139 | Hall |
| 151 | Henry |
| 223 | Paulding |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
| Hawaii | | |
| 003 | Honolulu | |
| Illinois | | |
| 097 | Lake | |
| 111 | McHenry | |
| 119 | Madison | |
| 163 | St. Clair | |
| 179 | Tazewell | |
| Indiana | | |
| 019 | Clark | |
| 039 | Elkhart | |
| 063 | Hendricks | |
| 081 | Johnson | |
| 089 | Lake | |
| 105 | Monroe | |
| 141 | St. Joseph | |
| 157 | Tippecanoe | |
| Iowa | | |
| 103 | Johnson | |
| 113 | Linn | |
| 163 | Scott | |
| Kansas | | |
| 091 | Johnson | |
| 173 | Sedgwick | |
| Kentucky | | |
| 015 | Boone | |
| 067 | Fayette | |
| 111 | Jefferson | |
| 117 | Kenton | |

| FIPS County Code | County Name | State |
|------------------------|------------------|-------|
| Louisiana | | |
| 005 | Ascension | |
| 033 | East Baton Rouge | |
| 051 | Jefferson | |
| 063 | Livingston | |
| 071 | Orleans | |
| 073 | Ouachita | |
| 103 | St. Tammany | |
| Maine | | |
| 001 | Androscoggin | |
| 005 | Cumberland | |
| 011 | Kennebec* | |
| 019 | Penobscot | |
| Maryland | | |
| 003 | Anne Arundel | |
| 013 | Carroll | |
| 015 | Cecil | |
| 017 | Charles | |
| 025 | Harford | |
| 031 | Montgomery | |
| 033 | Prince Georges | |
| 037 | St. Mary's | |
| 510 | Baltimore City | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
| Massachusetts | | |
| 001 | Barnstable | |
| 005 | Bristol | |
| 013 | Hampden | |
| 015 | Hampshire | |
| 017 | Middlesex | |
| 023 | Plymouth | |
| 025 | Suffolk | |
| 027 | Worcester | |
| Michigan | | |
| 005 | Allegan* | |
| 021 | Berrien | |
| 025 | Calhoun | |
| 049 | Genesee | |
| 075 | Jackson | |
| 081 | Kent | |
| 093 | Livingston | |
| 099 | Macomb | |
| 115 | Monroe | |
| 121 | Muskegon | |
| 125 | Oakland | |
| 145 | Saginaw | |
| 161 | Washtenaw | |
| 163 | Wayne | |
| Minnesota | | |
| 003 | Anoka | |
| 123 | Ramsey | |
| 139 | Scott | |
| 163 | Washington | |
| 171 | Wright | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
| Missouri | | |
| 071 | Franklin | |
| 099 | Jefferson | |
| 189 | St. Louis | |
| Montana | | |
| 111 | Yellowstone | |
| Nebraska | | |
| 055 | Douglas | |
| Nevada | | |
| 003 | Clark | |
| New Hampshire | | |
| 011 | Hillsborough | |
| 013 | Merrimack* | |
| 015 | Rockingham | |
| 017 | Strafford | |
| New Jersey | | |
| 003 | Bergen | |
| 005 | Burlington | |
| 007 | Camden | |
| 011 | Cumberland | |
| 013 | Essex | |
| 017 | Hudson | |
| 019 | Hunterdon | |
| 021 | Mercer | |
| 023 | Middlesex | |
| 027 | Morris | |
| 031 | Passaic | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

| | | |
|-----|----------|--|
| 035 | Somerset | |
| 037 | Sussex | |
| 039 | Union | |

New Mexico

| | | |
|-----|------------|--|
| 001 | Bernalillo | |
| 013 | Dona Ana | |
| 045 | San Juan | |
| 049 | Santa Fe | |

New York

| | | |
|-----|-------------|--|
| 005 | Bronx | |
| 045 | Jefferson | |
| 047 | Kings | |
| 055 | Monroe | |
| 059 | Nassau | |
| 061 | New York | |
| 067 | Onondaga | |
| 069 | Ontario | |
| 071 | Orange | |
| 081 | Queens | |
| 085 | Richmond | |
| 087 | Rockland | |
| 091 | Saratoga | |
| 103 | Suffolk | |
| 119 | Westchester | |

North Carolina

| | | |
|-----|-------------|--|
| 001 | Alamance | |
| 021 | Buncombe | |
| 057 | Davidson | |
| 067 | Forsyth | |
| 119 | Mecklenburg | |
| 133 | Onslow | |
| 147 | Pitt | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

| | | |
|-----|----------|--|
| 155 | Robeson* | |
| 159 | Rowan | |
| 179 | Union | |
| 191 | Wayne | |

Ohio

| | | |
|-----|------------|--|
| 025 | Clermont | |
| 057 | Greene | |
| 085 | Lake | |
| 089 | Licking | |
| 095 | Lucas | |
| 103 | Medina | |
| 109 | Miami | |
| 113 | Montgomery | |
| 133 | Portage | |
| 153 | Summit | |

Oregon

| | | |
|-----|-----------|--|
| 017 | Deschutes | |
| 029 | Jackson | |
| 039 | Lane | |

Pennsylvania

| | | |
|-----|-----------|--|
| 003 | Allegheny | |
| 007 | Beaver | |
| 011 | Berks | |
| 017 | Bucks | |
| 019 | Butler | |
| 021 | Cambria | |
| 029 | Chester | |
| 043 | Dauphin | |
| 045 | Delaware | |
| 049 | Erie | |
| 055 | Franklin | |
| 071 | Lancaster | |

| FIPS County Code | County Name | State |
|------------------------|----------------|-------|
| 081 | Lycoming | |
| 085 | Mercer | |
| 089 | Monroe | |
| 091 | Montgomery | |
| 101 | Philadelphia | |
| 107 | Schuylkill* | |
| 125 | Washington | |
| 129 | Westmoreland | |
| 133 | York | |

South Carolina

| | |
|-----|-------------|
| 041 | Florence |
| 051 | Horry |
| 083 | Spartanburg |
| 091 | York |

Tennessee

| | |
|-----|------------|
| 009 | Blount |
| 093 | Knox |
| 125 | Montgomery |
| 165 | Sumner |
| 189 | Wilson |

Texas

| | |
|-----|----------|
| 041 | Brazos |
| 061 | Cameron |
| 135 | Ector |
| 139 | Ellis |
| 181 | Grayson |
| 183 | Gregg |
| 215 | Hidalgo |
| 251 | Johnson |
| 303 | Lubbock |
| 309 | McLennan |
| 423 | Smith |

| FIPS County Code | County Name | State |
|------------------------|---------------------|----------------------|
| 441 | Taylor | |
| 479 | Webb | |
| 485 | Wichita | |
| | | Utah |
| 053 | Washington | |
| | | Virginia |
| 013 | Arlington | |
| 041 | Chesterfield | |
| 087 | Henrico | |
| 107 | Loudoun | |
| 153 | Prince William | |
| 177 | Spotsylvania | |
| 179 | Stafford | |
| 550 | Chesapeake City | |
| 700 | Newport News City | |
| 710 | Norfolk City | |
| 760 | Richmond City | |
| 810 | Virginia Beach City | |
| | | Washington |
| 057 | Skagit | |
| | | West Virginia |
| 039 | Kanawha | |
| | | Wisconsin |
| 059 | Kenosha | |
| 073 | Marathon | |
| 101 | Racine | |
| 105 | Rock | |
| 139 | Winnebago | |

* Counties marked with an asterisk (*) are also single county Micropolitan Statistical Areas.

They are not otherwise identified on the files. A list of such areas on the files is as follows:

| CBSA Code | Title | County Name | County Code |
|--------------|------------------------|----------------|----------------|
| 12300 | Augusta-Waterville, ME | Kennebec | 005 |
| 18180 | Concord, NH | Merrimack | 011 |
| 26090 | Holland, MI | Allegan | 005 |
| 31300 | Lumberton, NC | Robeson | 155 |
| 39060 | Pottsville, PA | Schuylkill | 107 |
| 45860 | Torrington, CT | Litchfield | 005 |

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly wage does not exceed an annualized wage of \$150,000 (\$2,885.00 per week). Below is a list of the appropriate topcode.

| Hours | Topcode | Hours | Topcode | Hours | Topcode |
|-------|---------|-------|---------|-------|---------|
| 1 | None | 34 | \$84.85 | 67 | \$43.06 |
| 2 | None | 35 | \$82.43 | 68 | \$42.43 |
| 3 | None | 36 | \$80.14 | 69 | \$41.81 |
| 4 | None | 37 | \$77.97 | 70 | \$41.21 |
| 5 | None | 38 | \$75.92 | 71 | \$40.63 |
| 6 | None | 39 | \$73.97 | 72 | \$40.07 |
| 7 | None | 40 | \$72.13 | 73 | \$39.52 |
| 8 | None | 41 | \$70.37 | 74 | \$38.99 |
| 9 | None | 42 | \$68.69 | 75 | \$38.47 |
| 10 | None | 43 | \$67.09 | 76 | \$37.96 |
| 11 | None | 44 | \$65.57 | 77 | \$37.47 |
| 12 | None | 45 | \$64.11 | 78 | \$36.99 |
| 13 | None | 46 | \$62.72 | 79 | \$36.52 |
| 14 | None | 47 | \$61.38 | 80 | \$36.06 |
| 15 | None | 48 | \$60.10 | 81 | \$35.62 |
| 16 | None | 49 | \$58.88 | 82 | \$35.18 |
| 17 | None | 50 | \$57.70 | 83 | \$34.76 |
| 18 | None | 51 | \$56.57 | 84 | \$34.35 |
| 19 | None | 52 | \$55.48 | 85 | \$33.94 |
| 20 | None | 53 | \$54.43 | 86 | \$33.55 |
| 21 | None | 54 | \$53.43 | 87 | \$33.16 |
| 22 | None | 55 | \$52.45 | 88 | \$32.78 |
| 23 | None | 56 | \$51.52 | 89 | \$32.42 |
| 24 | None | 57 | \$50.61 | 90 | \$32.06 |
| 25 | None | 58 | \$49.74 | 91 | \$31.70 |
| 26 | None | 59 | \$48.90 | 92 | \$31.36 |
| 27 | None | 60 | \$48.08 | 93 | \$31.02 |
| 28 | None | 61 | \$47.30 | 94 | \$30.69 |
| 29 | \$99.48 | 62 | \$46.53 | 95 | \$30.37 |
| 30 | \$96.17 | 63 | \$45.79 | 96 | \$30.05 |
| 31 | \$93.06 | 64 | \$45.08 | 97 | \$29.74 |
| 32 | \$90.16 | 65 | \$44.38 | 98 | \$29.44 |
| 33 | \$87.42 | 66 | \$43.71 | 99 | \$29.14 |

ATTACHMENT 13**CURRENT POPULATION SURVEY****November 2020 Voting and Registration Supplement File
Tallies of Unweighted Counts**

NOTE: To match items below, use HRINTSTA = 1 and PRPERTYP = 2 and PRTAGE = 18+.

| ITEM | VALUE | DESCRIPTION | TALLIES |
|-------------|--------------|---|----------------|
| PES1 | 1 | Yes | 55,170 |
| | 2 | No | 14,114 |
| | -2 | Don't Know | 1,149 |
| | -3 | Refused | 1,281 |
| | -9 | No Response | 10,184 |
| PES2 | 1 | Yes | 4,823 |
| | 2 | No | 8,933 |
| | -2 | Don't Know | 1,492 |
| | -3 | Refused | 1,195 |
| | -9 | No Response | 10,285 |
| PES3 | 1 | Did not meet registration deadlines | 913 |
| | 2 | Did not know where or how to register | 295 |
| | 3 | Did not meet residency requirements/did not live here long enough | 250 |
| | 4 | Permanent illness or disability | 449 |
| | 5 | Concerns about the coronavirus (COVID-19) pandemic | 189 |
| | 6 | Difficulty with English | 89 |
| | 7 | Not interested in the election or not involved in politics | 3,543 |
| | 8 | My vote would not make a difference | 440 |
| | 9 | Not eligible to vote | 792 |
| | 10 | Other reason | 1,509 |
| | -2 | Don't know | 332 |
| | -3 | Refused | 123 |
| | -9 | No Response | 9 |

| ITEM | VALUE | DESCRIPTION | TALLIES |
|------|-------|---|---------|
| PES4 | 1 | Out of town or away from home | 275 |
| | 2 | Forgot to vote (or send in absentee ballot) | 180 |
| | 3 | Concerns about the coronavirus (COVID-19) pandemic | 215 |
| | 4 | Illness or disability (own or family's) | 640 |
| | 5 | Not interested, felt my vote wouldn't make a difference | 782 |
| | 6 | Too busy, conflicting work or school schedule | 576 |
| | 7 | Transportation problems | 107 |
| | 8 | Didn't like candidates or campaign issues | 616 |
| | 9 | Registration problems (i.e. didn't receive absentee ballot, not registered in current location) | 227 |
| | 10 | Bad weather conditions | 5 |
| | 11 | Inconvenient hours, polling place or hours or lines too long | 129 |
| | 12 | Other | 651 |
| | -2 | Don't know | 99 |
| | -3 | Refused | 31 |
| | -9 | No Response | 4 |
| PES5 | 1 | In person | 31,014 |
| | 2 | By mail | 23,877 |
| | -2 | Don't know | 128 |
| | -3 | Refused | 110 |
| | -9 | No Response | 41 |
| PES6 | 1 | On election day | 18,646 |
| | 2 | Before election day | 36,218 |
| | -2 | Don't know | 139 |
| | -3 | Refused | 118 |
| | -9 | No Response | 49 |

| ITEM | VALUE | DESCRIPTION | TALLIES |
|--------|-------|---|---------|
| PES7 | 1 | At a department of motor vehicles (for example, when obtaining a driver's license or other identification card) | 15,148 |
| | 2 | At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office) | 519 |
| | 3 | Registered by mail | 6,685 |
| | 4 | Registered using the internet or online | 6,102 |
| | 5 | At a school, hospital, or on campus | 1,706 |
| | 6 | Went to a town hall or county/government registration office | 11,438 |
| | 7 | Filled out form at a registration drive (library, post office, or someone came to your door) | 1,573 |
| | 8 | Registered at polling place (on election or primary day) | 3,221 |
| | 9 | Other | 2,301 |
| | -2 | Don't know | 10,795 |
| | -3 | Refused | 428 |
| | -9 | No Response | 77 |
| PRS8 | 1 | Less than 1 year | 7,880 |
| | 2 | 1-2 years | 9,384 |
| | 3 | 3-4 years | 9,786 |
| | 4 | 5 years or longer | 42,636 |
| | -2 | Don't know | 0 |
| | -3 | Refused | 0 |
| | -9 | No Response | 0 |
| PUSCK4 | 1 | Self | 41,319 |
| | 2 | Other | 30,605 |

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

| Code | Name | Code | Name |
|------|----------------------|------|-----------------------|
| 057 | United States | 158 | Armenia |
| 060 | American Samoa | 159 | Azerbaijan |
| 066 | Guam | 160 | Belarus |
| 069 | Northern Marianas | 161 | Georgia |
| 073 | Puerto Rico | 162 | Moldova |
| 078 | U. S. Virgin Islands | 163 | Russia |
| 100 | Albania | 164 | Ukraine |
| 102 | Austria | 165 | USSR |
| 103 | Belgium | 166 | Europe, not specified |
| 104 | Bulgaria | 168 | Montenegro |
| 105 | Czechoslovakia | 200 | Afghanistan |
| 106 | Denmark | 202 | Bangladesh |
| 108 | Finland | 203 | Bhutan |
| 109 | France | 205 | Myanmar (Burma) |
| 110 | Germany | 206 | Cambodia |
| 116 | Greece | 207 | China |
| 117 | Hungary | 209 | Hong Kong |
| 118 | Iceland | 210 | India |
| 119 | Ireland | 211 | Indonesia |
| 120 | Italy | 212 | Iran |
| 126 | Netherlands | 213 | Iraq |
| 127 | Norway | 214 | Israel |
| 128 | Poland | 215 | Japan |
| 129 | Portugal | 216 | Jordan |
| 130 | Azores | 217 | Korea |
| 132 | Romania | 218 | Kazakhstan |
| 134 | Spain | 220 | South Korea |
| 136 | Sweden | 222 | Kuwait |
| 137 | Switzerland | 223 | Laos |
| 138 | United Kingdom | 224 | Lebanon |
| 139 | England | 226 | Malaysia |
| 140 | Scotland | 228 | Mongolia |
| 142 | Northern Ireland | 229 | Nepal |
| 147 | Yugoslavia | 231 | Pakistan |
| 148 | Czech Republic | 233 | Philippines |
| 149 | Slovakia | 235 | Saudi Arabia |
| 150 | Bosnia & Herzegovina | 236 | Singapore |
| 151 | Croatia | 238 | Sri Lanka |
| 152 | Macedonia | 239 | Syria |
| 154 | Serbia | 240 | Taiwan |
| 155 | Estonia | 242 | Thailand |
| 156 | Latvia | 243 | Turkey |
| 157 | Lithuania | 245 | United Arab Emirates |

| Code | Name | Code | Name |
|------|--------------------------------|------|------------------------------|
| 246 | Uzbekistan | 373 | Venezuela |
| 247 | Vietnam | 374 | South America, not specified |
| 248 | Yemen | 399 | Americas, not specified |
| 249 | Asia, not specified | 400 | Algeria |
| 300 | Bermuda | 407 | Cameroon |
| 301 | Canada | 408 | Cape Verde |
| 303 | Mexico | 412 | Congo |
| 310 | Belize | 414 | Egypt |
| 311 | Costa Rica | 416 | Ethiopia |
| 312 | El Salvador | 417 | Eritrea |
| 313 | Guatemala | 421 | Ghana |
| 314 | Honduras | 423 | Guinea |
| 315 | Nicaragua | 425 | Ivory Coast |
| 316 | Panama | 427 | Kenya |
| 321 | Antigua and Barbuda | 429 | Liberia |
| 323 | Bahamas | 430 | Libya |
| 324 | Barbados | 436 | Morocco |
| 327 | Cuba | 440 | Nigeria |
| 328 | Dominica | 444 | Senegal |
| 329 | Dominican Republic | 447 | Sierra Leone |
| 330 | Grenada | 448 | Somalia |
| 332 | Haiti | 449 | South Africa |
| 333 | Jamaica | 451 | Sudan |
| 338 | St. Kitts--Nevis | 453 | Tanzania |
| 339 | St. Lucia | 454 | Togo |
| 340 | St. Vincent and the Grenadines | 457 | Uganda |
| 341 | Trinidad and Tobago | 459 | Zaire |
| 343 | West Indies, not specified | 460 | Zambia |
| 360 | Argentina | 461 | Zimbabwe |
| 361 | Bolivia | 462 | Africa, not specified |
| 362 | Brazil | 501 | Australia |
| 363 | Chile | 508 | Fiji |
| 364 | Columbia | 511 | Marshall Islands |
| 365 | Ecuador | 512 | Micronesia |
| 368 | Guyana | 515 | New Zealand |
| 369 | Paraguay | 523 | Tonga |
| 370 | Peru | 527 | Samoa |
| 372 | Uruguay | 555 | Elsewhere |

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

- 00 VALUE - NO CHANGE
- 01 BLANK - NO CHANGE
- 02 DON'T KNOW - NO CHANGE
- 03 REFUSED - NO CHANGE
- 10 VALUE TO VALUE
- 11 BLANK TO VALUE
- 12 DON'T KNOW TO VALUE
- 13 REFUSED TO VALUE
- 20 VALUE TO LONGITUDINAL VALUE
- 21 BLANK TO LONGITUDINAL VALUE
- 22 DON'T KNOW TO LONGITUDINAL VALUE
- 23 REFUSED TO LONGITUDINAL VALUE
- 30 VALUE TO ALLOCATED VALUE LONG.
- 31 BLANK TO ALLOCATED VALUE LONG.
- 32 DON'T KNOW TO ALLOCATED VALUE LONG.
- 33 REFUSED TO ALLOCATED VALUE LONG.
- 40 VALUE TO ALLOCATED VALUE
- 41 BLANK TO ALLOCATED VALUE
- 42 DON'T KNOW TO ALLOCATED VALUE
- 43 REFUSED TO ALLOCATED VALUE
- 50 VALUE TO BLANK
- 52 DON'T KNOW TO BLANK
- 53 REFUSED TO BLANK

Source of the Data and Accuracy of the Estimates for the November 2020 Current Population Survey Microdata File on Voting and Registration

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Source of the Data and Accuracy of the Estimates for the November 2020 Current Population Survey Microdata File on Voting and Registration

SOURCE OF THE DATA

The data in this microdata file are from the November 2020 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only November data. The November survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the civilian noninstitutionalized population. The Social, Economic, and Housing Statistics Division of the Census Bureau sponsors the supplemental questions for November.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the universe, consists primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in the 2010 Census). Starting in August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of each member 15 years old and older in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

Every ten years, the CPS first-stage sample is redesigned¹ reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)² were selected for sample. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

Approximately 69,000 sampled addresses were selected from the sampling frame in November. Based on eligibility criteria, six percent of these sampled addresses were sent directly to computer-assisted telephone interviewing (CATI). The remaining sampled addresses were assigned to interviewers for computer-assisted personal interviewing

¹ For detailed information on the 2010 sample redesign, please see Bureau of Labor Statistics (2014).

² The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

(CAPI).³ Of all addresses in sample, about 59,000 were determined to be eligible for interview. Interviewers obtained interviews at about 47,000 of the housing units at these addresses. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

November 2020 Supplement. In November 2020, in addition to the basic CPS questions, interviewers asked supplementary questions of all persons 18 years of age and older on voting and registration.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population controls of the civilian noninstitutionalized population of the United States, each state, and the District of Columbia. These population controls⁴ are prepared monthly as part of the Census Bureau's Population Estimates Program.

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by:

- Race (Black alone and all other race groups combined).
- Age (0-15, 16-44, and 45 and over).
- Sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2010 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population controls.

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

³ For further information on CATI and CAPI and the eligibility criteria, please see U.S. Census Bureau (2019).

⁴ For additional information on population controls, including details on the demographic characteristics used and net international components, please see Chapters 1-3 and Appendix: History of the Current Population Survey of U.S. Census Bureau (2019).

Because the latest available information on these components lags behind the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in “Standard Errors and Their Use,” are primarily measures of the magnitude of sampling error. However, the estimation of standard errors may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. Some nonsampling errors, and examples of each, include:

- Measurement error: The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent.
- Coverage error: Some individuals who should have been included in the survey frame were missed.
- Nonresponse error: Responses are not collected from all those in the sample or the respondent is unwilling to provide information.
- Imputation error: Values are estimated imprecisely for missing data.
- Processing error: Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc.

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the November 2020 basic CPS, the household-level unweighted nonresponse rate was 20.7 percent. The person-level unweighted nonresponse rate for the Voting and Registration supplement was an additional 8.2 percent. Since the basic CPS nonresponse rate is a household-level rate and the Voting and Registration supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have more or fewer persons than interviewed ones, so combining these rates may lead to an under- or overestimate of the true overall nonresponse rate for persons for the Voting and Registration supplement.

Responses are made up of complete interviews and sufficient partial interviews. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for the specific questions deemed critical by the sponsor as necessary to answer in order to be considered a sufficient partial interview.

As a result of sufficient partial interviews being considered responses, individual items/questions have their own response and refusal rates. As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the Voting and Registration supplement, the unweighted item refusal rates range from 0.2 percent to 4.5 percent. The unweighted item nonresponse rates range from 0.4 percent to 18.7 percent.

Undercoverage. The concept of coverage with a survey sampling process is defined as the extent to which the total population that could be selected for sample “covers” the survey’s target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for November 2020 is estimated to be about nine percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure mitigates bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows November 2020 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 1. Current Population Survey Coverage Ratios: November 2020

| Age group | <u>Total</u> | | | <u>White alone</u> | | <u>Black alone</u> | | <u>Residual race^A</u> | | <u>Hispanic^B</u> | |
|--------------|--------------|------|--------|--------------------|--------|--------------------|--------|----------------------------------|--------|-----------------------------|--------|
| | All people | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 0-15 | 0.86 | 0.86 | 0.87 | 0.88 | 0.90 | 0.79 | 0.82 | 0.80 | 0.77 | 0.81 | 0.82 |
| 16-19 | 0.89 | 0.91 | 0.88 | 0.95 | 0.91 | 0.83 | 0.83 | 0.77 | 0.77 | 0.87 | 0.86 |
| 20-24 | 0.77 | 0.78 | 0.76 | 0.81 | 0.78 | 0.69 | 0.64 | 0.74 | 0.74 | 0.77 | 0.77 |
| 25-34 | 0.82 | 0.81 | 0.84 | 0.84 | 0.88 | 0.67 | 0.71 | 0.75 | 0.76 | 0.72 | 0.82 |
| 35-44 | 0.90 | 0.88 | 0.92 | 0.92 | 0.95 | 0.71 | 0.82 | 0.78 | 0.83 | 0.80 | 0.88 |
| 45-54 | 0.90 | 0.90 | 0.91 | 0.92 | 0.93 | 0.79 | 0.82 | 0.89 | 0.88 | 0.82 | 0.88 |
| 55-64 | 0.95 | 0.94 | 0.96 | 0.96 | 0.99 | 0.84 | 0.88 | 0.90 | 0.88 | 0.83 | 0.89 |
| 65+ | 1.01 | 1.02 | 1.01 | 1.03 | 1.03 | 0.94 | 0.95 | 0.90 | 0.89 | 0.91 | 0.85 |
| 15+ | 0.91 | 0.90 | 0.92 | 0.93 | 0.95 | 0.78 | 0.82 | 0.82 | 0.83 | 0.81 | 0.85 |
| 0+ | 0.90 | 0.89 | 0.91 | 0.92 | 0.94 | 0.78 | 0.82 | 0.81 | 0.81 | 0.81 | 0.84 |

Source: U.S. Census Bureau, Current Population Survey, November 2020.

^A The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

^B Hispanics may be any race.

Note: For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This is due to differences in interviewer training and experience and in differing survey processes.⁵ These differences are examples of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects 2010 Census-based controls, with microdata files which reflect 2000 Census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different populations or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of 2010 Census-based controls results in about a 0.2 percent increase from the 2000 Census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population.

⁵ Survey processes include, but are not limited to, question wording, universe, sampling frame, interview modes, and weighting.

These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (see “Basic CPS”).⁶ During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2019) and Brooks & Bailer (1978).

Standard Errors and Their Use. A sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with the specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common

⁶ The phase-in process using the 2010 Census files began April 2014.

type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS and Voting and Registration estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

Generalized Variance Parameters. While it is possible to estimate the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The generalized variance function (GVF) is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement:

- Tables 3 through 6 provide illustrations for calculating standard errors;
- Table 7 provides the GVF parameters for labor force estimates;
- Table 8 provides GVF parameters for characteristics from the November 2020 supplement;

- Tables 9 through 11 provide GVF voting and registration parameters for Total or White for U.S. states, divisions, and regions; and
- Tables 12 through 14 provide factors and population controls to derive other U.S. state, division, and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. Table 2 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 2. Estimation Groups of Interest and Generalized Variance Parameters

| Race/ethnicity group of interest | Generalized variance parameters to use in standard error calculations |
|---|---|
| Total population | Total or White |
| White alone, White alone or in combination (AOIC), or White non-Hispanic population | Total or White |
| Black alone, Black AOIC, or Black non-Hispanic population | Black |
| Asian alone, Asian AOIC, or Asian non-Hispanic population | Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI) |
| AIAN alone, AIAN AOIC, or AIAN non-Hispanic population | Asian, AIAN, NHOPI |
| NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population | Asian, AIAN, NHOPI |
| Populations from other race groups | Asian, AIAN, NHOPI |
| Hispanic ^A population | Hispanic ^A |
| Two or more races ^B – employment/unemployment and educational attainment characteristics | Black |
| Two or more races ^B – all other characteristics | Asian, AIAN, NHOPI |

Source: U.S. Census Bureau, Current Population Survey, internal data files.

^A Hispanics may be any race.

^B Two or more races refers to the group of cases self-classified as having two or more races.

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 7). If the estimate is using Voting and Registration supplement data, the GVF parameters will come from the Voting and Registration supplement GVF table (Table 8).

Standard Errors of Estimated Numbers. The approximate standard error, s_x , of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \quad (1)$$

Here x is the size of the estimate, and a and b are the parameters in Table 7 or 8 associated with the particular type of characteristic.

Illustration 1

Suppose there were 5,643,000 unemployed men (ages 16 and up) in the civilian labor force. Table 3 shows how to use the appropriate parameters from Table 7 and Formula (1) to estimate the standard error and confidence interval.

Table 3. Illustration of Standard Errors of Estimated Numbers

| | |
|--|------------------------|
| Number of unemployed males in the civilian labor force (x) | 5,643,000 |
| a-parameter (a) | -0.000031 |
| b-parameter (b) | 2,947 |
| Standard error | 125,000 |
| 90-percent confidence interval | 5,437,000 to 5,849,000 |

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 5,643,000^2 + 2,947 \times 5,643,000},$$

which, rounded to the nearest thousand, is 125,000. The 90-percent confidence interval is calculated as $5,643,000 \pm 1.645 \times 125,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 7 or 8 as indicated by the numerator.

The approximate standard error, $s_{y,p}$, of an estimated percentage can be obtained by using the formula:

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \quad (2)$$

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100 \cdot x/y$ ($0 \leq p \leq 100$), and b is the parameter in Table 7 or 8 associated with the characteristic in the numerator of the percentage.

Illustration 2

In November 2020, out of 251,464,000 people with at least an elementary school education, 61.4 percent reported voting. Table 4 shows how to use the appropriate parameters from Table 8 and Formula (2) to estimate the standard error and confidence interval.

Table 4. Illustration of Standard Errors of Estimated Percentages

| | |
|---|--------------|
| Percentage of people that reported voting (p) | 61.4 |
| Base (y) | 251,464,000 |
| b-parameter (b) | 5,411 |
| Standard error | 0.23 |
| 90-percent confidence interval | 61.0 to 61.8 |

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5,411}{251,464,000} \times 61.4 \times (100.0 - 61.4)} = 0.23$$

and the 90-percent confidence interval for the estimated percentage of people with at least an elementary school education who reported voting is from 61.0 to 61.8 percent (i.e., $61.4 \pm 1.645 \times 0.23$).

Standard Errors of Estimated Differences. The standard error of the difference between two sample estimates is approximately equal to

$$s_{x_1-x_2} = \sqrt{(s_{x_1})^2 + (s_{x_2})^2} \quad (3)$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2 . The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 3

The November 2020 supplement showed that out of 121,468,000 men who had at least an elementary school education, 72,401,000, or 59.6 percent, had voted, and of the 129,996,000 women who had at least an elementary school education, 82,102,000, or 63.2 percent, had voted. Table 5 shows how to use the appropriate parameters from Table 8 and Formulas (2) and (3) to estimate the standard error and confidence interval.

Table 5. Illustration of Standard Errors of Estimated Differences

| | Men (x_1) | Women (x_2) | Difference |
|--------------------------------|---------------|-----------------|------------|
| Percentage that voted (p) | 59.6 | 63.2 | 3.6 |
| Base (y) | 121,468,000 | 129,996,000 | - |
| b-parameter (b) | 5,411 | 5,411 | - |
| Standard error | 0.33 | 0.31 | 0.45 |
| 90-percent confidence interval | 59.1 to 60.1 | 62.7 to 63.7 | 2.9 to 4.3 |

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.33^2 + 0.31^2} = 0.45$$

and the 90-percent confidence interval around the difference is calculated as $3.6 \pm 1.645 \times 0.45$. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of women with at least an elementary school education who voted is greater than the percentage of men with at least an elementary school education who voted.

Standard Errors for State, Division, and Region Estimates. Standard errors for state, division, and region estimates may be obtained by using the state, division, and region parameters. The state, division, and region parameters for Total or White population voting and registration estimates are included in Tables 9, 10, and 11. The state, division, and region parameters for other subpopulation groups are determined by multiplying the a- and b-parameters in Table 8 by the appropriate factor from Tables 12, 13, or 14. The state factors are contained in Table 12, the division factors in Table 13, and the region factors in Table 14. After determining the correct parameter, use the standard error formulas discussed earlier in the text to calculate standard error estimates.

Illustration 4

About 6,281,000 people (41.6 percent) have completed at least a bachelor's degree out of about 15,105,000 people aged 18 and over living in New York. Following the method mentioned above, obtain the needed state parameter by multiplying the parameter in Table 8 by the state factor in Table 12 for the state of interest. In this example, the educational attainment parameter for Total or White in New York is calculated as $b = 4,484 \times 1.19 = 5,336$. Table 6 shows how to use the appropriate parameter from Table 8 and Formula (2) with the new b-parameter, 5,336, to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of State Estimates

| | |
|--|--------------|
| Percentage of people in New York that completed at least a bachelor's degree (p) | 41.6 |
| Base (y) | 15,105,000 |
| b-parameter (b) | 5,336 |
| Standard error | 0.93 |
| 90-percent confidence interval | 40.1 to 43.1 |

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see Bureau of Labor Statistics (2006).

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

Table 7. Parameters for Computation of Standard Errors for Labor Force Characteristics: November 2020

| Characteristic | <i>a</i> | <i>b</i> |
|--|-----------------|-----------------|
| Total or White | | |
| <i>Civilian labor force, employed</i> | -0.000013 | 2,481 |
| <i>Unemployed</i> | -0.000017 | 3,244 |
| <i>Not in labor force</i> | -0.000013 | 2,432 |
| <i>Civilian labor force, employed, not in labor force, and unemployed</i> | | |
| Men | -0.000031 | 2,947 |
| Women | -0.000028 | 2,788 |
| Both sexes, 16 to 19 years | -0.000261 | 3,244 |
| Black | | |
| <i>Civilian labor force, employed, not in labor force, and unemployed</i> | | |
| Total | -0.000117 | 3,601 |
| Men | -0.000249 | 3,465 |
| Women | -0.000191 | 3,191 |
| Both sexes, 16 to 19 years | -0.001425 | 3,601 |
| Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI) | | |
| <i>Civilian labor force, employed, not in labor force, and unemployed</i> | | |
| Total | -0.000245 | 3,311 |
| Men | -0.000537 | 3,397 |
| Women | -0.000399 | 2,874 |
| Both sexes, 16 to 19 years | -0.004078 | 3,311 |
| Hispanic, may be of any race | | |
| <i>Civilian labor force, employed, not in labor force, and unemployed</i> | | |
| Total | -0.000087 | 3,316 |
| Men | -0.000172 | 3,276 |
| Women | -0.000158 | 3,001 |
| Both sexes, 16 to 19 years | -0.000909 | 3,316 |

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

**Table 8. Parameters for Computation of Standard Errors for Voting and Registration
Characteristics: November 2020**

| Characteristics | Total or White | | Black | | Asian, AIAN, NHOPI ^A | | Hispanic ^B | |
|---|----------------|----------|-----------|----------|---------------------------------|----------|-----------------------|----------|
| | <i>a</i> | <i>b</i> | <i>a</i> | <i>b</i> | <i>a</i> | <i>b</i> | <i>a</i> | <i>b</i> |
| Voting, registration, reasons for not voting or registering (includes breakdowns by: Citizenship, Household relationship, Family householder by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group) | -0.000021 | 5,411 | -0.000086 | 4,941 | -0.000211 | 5,249 | -0.000139 | 5,923 |
| CHARACTERISTICS OF ALL PERSONS, VOTING AND NONVOTING | | | | | | | | |
| Marital Status | -0.000017 | 4,186 | -0.000077 | 4,386 | -0.000157 | 3,911 | -0.000110 | 4,680 |
| Education of Persons | -0.000018 | 4,484 | -0.000083 | 4,729 | -0.000175 | 4,350 | -0.000115 | 4,907 |
| Persons by Family Income | -0.000023 | 5,728 | -0.000101 | 5,748 | -0.000215 | 5,361 | -0.000144 | 6,128 |
| Duration of Residence Tenure | -0.000022 | 5,451 | -0.000095 | 5,448 | -0.000211 | 5,261 | -0.000137 | 5,839 |
| HOUSEHOLD RELATIONSHIPS, VOTING AND NONVOTING | | | | | | | | |
| Householder, Spouse of householder | -0.000018 | 4,462 | -0.000075 | 4,305 | -0.000183 | 4,552 | -0.000115 | 4,905 |
| Nonrelative or Other Relative of Householder | -0.000018 | 4,621 | -0.000085 | 4,836 | -0.000196 | 4,875 | -0.000123 | 5,242 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

^A AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

^B Hispanics may be any race.

Notes: These parameters are to be applied to the Voting and Registration Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please see the “Generalized Variance Parameters” section.

Table 9. Parameters for Computation of State Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

| State | <i>a</i> | <i>b</i> |
|----------------------|-----------|----------|
| Alabama | -0.001261 | 6,114 |
| Alaska | -0.001389 | 974 |
| Arizona | -0.000856 | 6,277 |
| Arkansas | -0.001328 | 3,950 |
| California | -0.000161 | 6,277 |
| Colorado | -0.001100 | 6,331 |
| Connecticut | -0.001354 | 4,762 |
| Delaware | -0.001283 | 1,245 |
| District of Columbia | -0.001388 | 974 |
| Florida | -0.000281 | 6,060 |
| Georgia | -0.000595 | 6,277 |
| Hawaii | -0.001319 | 1,786 |
| Idaho | -0.001192 | 2,164 |
| Illinois | -0.000505 | 6,277 |
| Indiana | -0.000923 | 6,169 |
| Iowa | -0.001352 | 4,221 |
| Kansas | -0.001536 | 4,383 |
| Kentucky | -0.001430 | 6,277 |
| Louisiana | -0.001266 | 5,736 |
| Maine | -0.001702 | 2,273 |
| Maryland | -0.001080 | 6,439 |
| Massachusetts | -0.000893 | 6,114 |
| Michigan | -0.000629 | 6,223 |
| Minnesota | -0.001115 | 6,277 |
| Mississippi | -0.001324 | 3,842 |
| Missouri | -0.001056 | 6,385 |
| Montana | -0.001118 | 1,190 |
| Nebraska | -0.001440 | 2,760 |
| Nevada | -0.001251 | 3,896 |
| New Hampshire | -0.001400 | 1,894 |
| New Jersey | -0.000709 | 6,223 |
| New Mexico | -0.001152 | 2,381 |
| New York | -0.000337 | 6,439 |
| North Carolina | -0.000612 | 6,385 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for the Total or White population. For state-level estimates of subpopulation groups, please use the factors provided in Table 12.

Table 9. Parameters for Computation of State Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

| State | <i>a</i> | <i>b</i> |
|----------------|-----------------|-----------------|
| North Dakota | -0.001295 | 974 |
| Ohio | -0.000539 | 6,223 |
| Oklahoma | -0.001485 | 5,790 |
| Oregon | -0.001357 | 5,736 |
| Pennsylvania | -0.000498 | 6,277 |
| Rhode Island | -0.001449 | 1,515 |
| South Carolina | -0.001179 | 6,060 |
| South Dakota | -0.001423 | 1,245 |
| Tennessee | -0.000907 | 6,169 |
| Texas | -0.000218 | 6,331 |
| Utah | -0.000849 | 2,760 |
| Vermont | -0.001752 | 1,082 |
| Virginia | -0.000769 | 6,439 |
| Washington | -0.000830 | 6,331 |
| West Virginia | -0.001548 | 2,706 |
| Wisconsin | -0.001087 | 6,277 |
| Wyoming | -0.001518 | 866 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for the Total or White population. For state-level estimates of subpopulation groups, please use the factors provided in Table 12.

Table 10. Parameters for Computation of Division Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

| Divison | <i>a</i> | <i>b</i> |
|--------------------|-----------------|-----------------|
| New England | -0.000304 | 4,474 |
| Middle Atlantic | -0.000156 | 6,331 |
| East North Central | -0.000134 | 6,223 |
| West North Central | -0.000237 | 5,032 |
| South Atlantic | -0.000092 | 6,006 |
| East South Central | -0.000309 | 5,844 |
| West South Central | -0.000149 | 6,006 |
| Mountain | -0.000182 | 4,545 |
| Pacific | -0.000114 | 6,060 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census division-level voting and registration estimates for the Total or White population. For census division-level estimates of subpopulation groups, please use the factors provided in Table 13.

Table 11. Parameters for Computation of Region Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

| Divison | <i>a</i> | <i>b</i> |
|------------------|-----------------|-----------------|
| Northeast | -0.000106 | 5,844 |
| Midwest | -0.000087 | 5,898 |
| South | -0.000048 | 6,006 |
| West | -0.000071 | 5,573 |
| All Except South | -0.000029 | 5,757 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census region-level voting and registration estimates for the Total or White population. For census region-level estimates of subpopulation groups, please use the factors provided in Table 14.

Table 12. Factors and Populations for State Parameters: November 2020

| State | Factor | Population | State | Factor | Population |
|----------------------|--------|------------|----------------|--------|------------|
| Alabama | 1.13 | 4,848,016 | Montana | 0.22 | 1,064,339 |
| Alaska | 0.18 | 701,359 | Nebraska | 0.51 | 1,916,304 |
| Arizona | 1.16 | 7,333,318 | Nevada | 0.72 | 3,114,017 |
| Arkansas | 0.73 | 2,975,201 | New Hampshire | 0.35 | 1,352,682 |
| California | 1.16 | 39,082,941 | New Jersey | 1.15 | 8,782,619 |
| Colorado | 1.17 | 5,754,825 | New Mexico | 0.44 | 2,066,035 |
| Connecticut | 0.88 | 3,516,138 | New York | 1.19 | 19,132,536 |
| Delaware | 0.23 | 970,585 | North Carolina | 1.18 | 10,428,177 |
| District of Columbia | 0.18 | 701,777 | North Dakota | 0.18 | 751,906 |
| Florida | 1.12 | 21,541,055 | Ohio | 1.15 | 11,535,459 |
| Georgia | 1.16 | 10,552,479 | Oklahoma | 1.07 | 3,898,511 |
| Hawaii | 0.33 | 1,353,948 | Oregon | 1.06 | 4,226,459 |
| Idaho | 0.40 | 1,815,813 | Pennsylvania | 1.16 | 12,612,067 |
| Illinois | 1.16 | 12,420,463 | Rhode Island | 0.28 | 1,045,864 |
| Indiana | 1.14 | 6,683,026 | South Carolina | 1.12 | 5,140,403 |
| Iowa | 0.78 | 3,121,124 | South Dakota | 0.23 | 874,895 |
| Kansas | 0.81 | 2,853,262 | Tennessee | 1.14 | 6,800,729 |
| Kentucky | 1.16 | 4,390,546 | Texas | 1.17 | 29,022,326 |
| Louisiana | 1.06 | 4,531,572 | Utah | 0.51 | 3,250,038 |
| Maine | 0.42 | 1,335,568 | Vermont | 0.20 | 617,624 |
| Maryland | 1.19 | 5,960,269 | Virginia | 1.19 | 8,371,089 |
| Massachusetts | 1.13 | 6,843,810 | Washington | 1.17 | 7,625,911 |
| Michigan | 1.15 | 9,889,361 | West Virginia | 0.50 | 1,748,188 |
| Minnesota | 1.16 | 5,627,921 | Wisconsin | 1.16 | 5,774,842 |
| Mississippi | 0.71 | 2,900,897 | Wyoming | 0.16 | 570,347 |
| Missouri | 1.18 | 6,047,523 | | | |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for subpopulation groups. The state population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 13. Factors and Populations for Division Parameters: November 2020

| Divison | Factor | Population |
|--------------------|---------------|-------------------|
| New England | 0.83 | 14,711,686 |
| Middle Atlantic | 1.17 | 40,527,222 |
| East North Central | 1.15 | 46,303,151 |
| West North Central | 0.93 | 21,192,935 |
| South Atlantic | 1.11 | 65,414,022 |
| East South Central | 1.08 | 18,940,188 |
| West South Central | 1.11 | 40,427,610 |
| Mountain | 0.84 | 24,968,732 |
| Pacific | 1.12 | 52,990,618 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census division-level voting and registration estimates for subpopulation groups. The census division population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 14. Factors and Populations for Region Parameters: November 2020

| Divison | Factor | Population |
|------------------|---------------|-------------------|
| Northeast | 1.08 | 55,238,908 |
| Midwest | 1.09 | 67,496,086 |
| South | 1.11 | 124,781,820 |
| West | 1.03 | 77,959,350 |
| All Except South | 1.06 | 200,694,344 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census region-level voting and registration estimates for subpopulation groups. The census region population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

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ATTACHMENT 17

USER NOTES

Due to the events surrounding the COVID pandemic, options were added for questions regarding reasons for not voting or registering to vote (PES3 and PES4).